MY17 BL Astra

Owner's Manual

Holden

GM Holden Ltd, ABN 84 006 893 232, Holden New Zealand Ltd., Company Number 1602 (hereinafter Holden)

Change of name, address or ownership

If you drive a pre-owned Holden, have moved house or changed any of your details, we'd like to hear from you!

Holden uses your details to keep your vehicle's factory provided Roadside Assistance and Warranty details up to date.

It also helps us let you know if there is an existing safety recall or rework on your vehicle. To update your details, please take a few minutes to fill in and mail the form at the back of the Service & Warranty Booklet or visit Holden's website at: www.holden.com.au/forms/change-of-owner-details

GM Holden Ltd (Holden) is collecting the new owner's personal information in order to process the request for transfer for the specified vehicle. We may disclose your personal information to our related companies and third parties who provide us with (or help us provide) products and services, including to overseas locations such as the USA, and other countries in Europe, Oceania and Asia.
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You can contact Holden on 1800 033 349 or alternatively, you may prefer to email Holden at: holdencustomercare@gm.com

Note: Please refer to the inside front cover of the Service & Warranty Booklet for the Vehicle Identification Certificate.

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Introduction

We thank you for choosing Holden and want to assure you of our continuing interest in your driving pleasure and satisfaction.

This owner's manual applies to the current BL Astra vehicle. Therefore, due to different models and options, you may find reference in this manual to some equipment not fitted to your own vehicle.

Please note that all information, illustrations and specifications in this manual are based on the latest production information available at the time of printing.

Holden reserves the right to make changes at any time without notice and without incurring any obligation.

Introduction

Your vehicle is a designed combination of advanced technology, safety, environmental friendliness and economy.

This Owner's Manual provides you with all the necessary information to enable you to drive your vehicle safely and efficiently.

Make sure your passengers are aware of the possible risk of accident and injury which may result from improper use of the vehicle.

Disregarding the description given in this manual may affect your warranty.

Using this manual

- This manual describes all options and features available for this model. **Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant.**
- The "In brief" section will give you an initial overview.
- The table of contents at the beginning of this manual and within each section shows where the information is located.
- The index will enable you to search for specific information.
- Directional data, e.g. left or right, or front or back, always relate to the direction of travel.
- Display messages and interior labelling are written in **bold** letters.
- For a complete list of registered trademarks contained in this manual: ⇨ 189.

Danger, Warnings and Cautions

⚠Danger

Text marked ⚠**Danger** provides information on risk of fatal injury. Disregarding this information may endanger life.

⚠Warning

Text marked ⚠**Warning** provides information on risk of accident or injury. Disregarding this information may lead to injury.

Caution

Text marked **Caution** provides information on possible damage to the vehicle. Disregarding this information may lead to vehicle damage.

Symbols

Page references are indicated with ⇨. ⇨ means "see page".

Page references and index entries refer to the indented headings given in the section table of content.

Chronological order to select menu entries in the vehicle personalisation is indicated with ➧.

In brief

Initial drive information

Vehicle unlocking

Press button to unlock the doors and load compartment. Open the doors by pulling the handles.

Press button on the remote control twice; the boot lid opens slightly.

To open the boot lid after unlocking, push the touchpad switch below the boot lid moulding.

Radio remote control ⇨ 20, Electronic key system ⇨ 22, Central locking system ⇨ 23, Load compartment ⇨ 30.

Remote engine start

With this feature the engine can be started from outside the vehicle.

Starting the Vehicle

To start the engine using the electronic key:

1. Press ⍞.

2. Immediately press and hold ↺ for at least four seconds or until the turn signal lights flash.

When the vehicle starts, the side lights will turn on and remain on as long as the engine is running. The doors are locked and the climate control system may turn on.

Remote start can be extended.

Cancelling a remote start

To cancel a remote start, do any of the following:

- Press and hold ↺ until the side lights turn off.
- Turn on the hazard warning flashers.
- Turn the ignition on and then off.

Remote engine start ⇨ 18.

Seat adjustment

Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.

Seat position ⇨ 40.

Manual seat adjustment ⇨ 41.

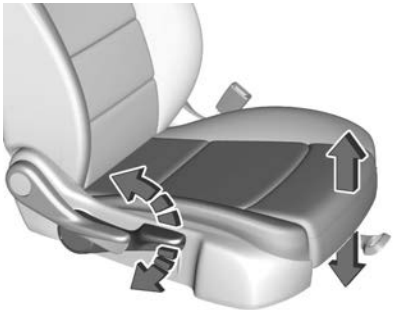
Backrest inclination

Pull lever, adjust inclination and release lever. Allow the backrest to engage audibly.

Seat position ⇨ 40.

Manual seat adjustment ⇨ 41.

Seat height



Lever pumping motion

up : seat higher
down : seat lower

Seat position ⇨ 40.

Manual seat adjustment ⇨ 41.

Head restraint adjustment

Pull the head restraint upwards or press the catch to release and push the head restraint downwards.

Head restraints ⇨ 39.

Seat belt

Pull out the seat belt and engage in belt buckle. The seat belt must not be twisted and must fit close against the body. The backrest must not be tilted back too far (maximum approx. 25°).

To release belt, press red button on belt buckle.

Seat position ⇨ 40, Seat belts ⇨ 43, Airbag system ⇨ 46.

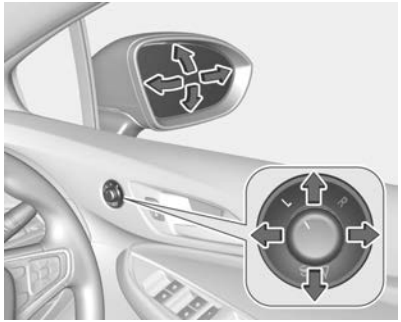
Mirror adjustment

Interior mirror

To adjust the mirror, move the mirror housing in the desired direction.

Manual anti-dazzle interior mirror ⇨ 34.

Exterior mirrors

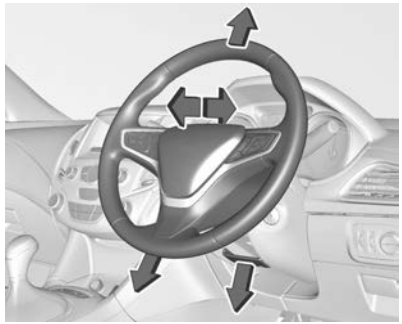


Select the relevant exterior mirror and adjust it.

Convex exterior mirrors ⇨ 33, Electric adjustment ⇨ 33, Folding exterior mirrors ⇨ 34.

Heated exterior mirrors ⇨ 34.

Steering wheel adjustment

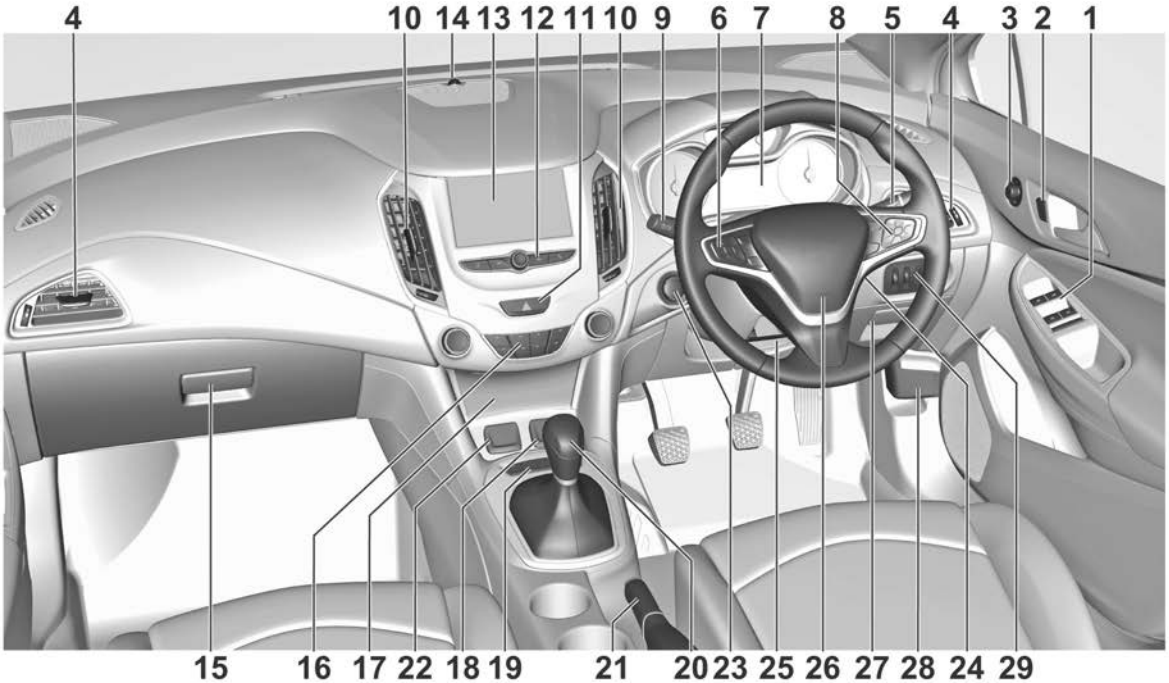


Unlock the lever, adjust the steering wheel, then engage the lever and ensure it is fully locked.

Do not adjust the steering wheel unless the vehicle is stationary and the steering wheel lock has been released.

Airbag system ⇨ 46, Ignition positions ⇨ 102.

Instrument panel overview



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Exterior lighting

Automatic light control

AUTO : automatic light control: exterior lighting is switched on and off automatically

⏻ : activation or deactivation of the automatic light control

≡D : headlights

Rear fog lights

Press light switch:

⏻ : rear fog lights

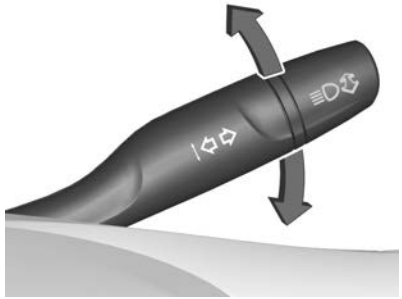
Lighting ⇨ 85.

Headlight flash, high beam and low beam

headlight flash : pull lever
high beam : push lever
low beam : push or pull lever

Automatic light control ⇨ 85, High beam ⇨ 86, Headlight flash ⇨ 87, High beam assist ⇨ 86.

Turn and lane-change signals



lever up : left turn signal
lever down : right turn signal

Turn and lane-change signals ⇨ 87.

Hazard warning flashers

Operated with the ⚠ button.
Hazard warning flashers ⇨ 87.

Horn

Press 📯.

Washer and wiper systems

Windscreen wiper

HI : fast
LO : slow
INT : interval wiping or automatic wiping with rain sensor
OFF : off

For single wipe when the wiper is off, press lever down to position **1x**.

Windscreen wiper ⇨ 60, Wiper blade replacement ⇨ 151.

Windscreen washer

Pull lever.

Windscreen washer system ⇨ 60, Washer fluid ⇨ 149.

Climate control

Heated rear window, heated exterior mirrors

The heating is operated by pressing the button.

Heated rear window ⇨ 37.

Demisting and defrosting the windows, air conditioning system

Press button .

Press button **A/C** to switch on dehumidification (drying) of the air.

Set fan control to a high level.

Set temperature control to warmest level.

Heated rear window on.

Air conditioning system ⇨ 92.

Demisting and defrosting the windows, electronic climate control system

Press button .

Press button **A/C** to switch on dehumidification (drying) of the air.

Temperature and air distribution are set automatically and the fan is activated.

Set fan control to a high level.

Heated rear window on.

Electronic climate control system ⇨ 94.

Transmission

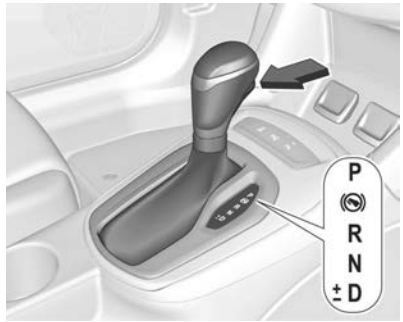
Manual transmission

Reverse: with the vehicle stationary, depress clutch pedal and then press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.

Manual transmission ⇨ 111.

Automatic transmission



P : park
R : reverse
N : neutral
D : drive

Manual mode: move selector lever from **D** to the left.

+ : higher gear
− : lower gear

The selector lever can only be moved out of **P** when the ignition is on and the brake pedal is applied. To engage **P** or **R**, press the release button.

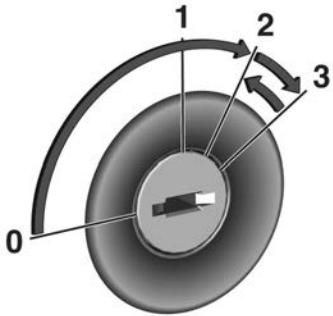
Automatic transmission ⇨ 108.

Starting off

Check before starting off

- Tyre pressure and condition ⇨ 162, ⇨ 187.
- Engine oil level and fluid levels ⇨ 147.
- All windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational.
- Proper position of mirrors, seats, and seat belts ⇨ 33, ⇨ 40, ⇨ 44.
- Brake function at low speed, particularly if the brakes are wet.

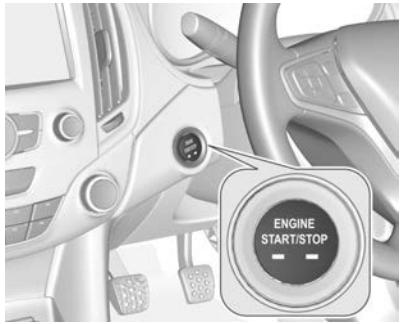
Starting the engine



- Ignition switch: turn key to position **2**.

  Power button: press **Engine Start/Stop** button for a few seconds until green LED illuminates.
- Move the steering wheel slightly to release the steering wheel lock.
- Manual transmission: depress and hold clutch and brake pedal.

  Automatic transmission: depress and hold brake pedal and move selector lever to **P** or **N**.
- Do not operate accelerator pedal.
- Ignition switch: turn key to position **3** and release



  Power button: press **Engine Start/Stop** button and release. The electronic key must be inside the vehicle.
- Engine starts after a short delay.

Starting the engine ⇨ 104.

Parking

⚠Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake firmly. Activate the parking brake without pressing the release button. Apply as firmly as possible on a downhill slope or uphill slope. Depress brake pedal at the same time to reduce operating force.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, set the selector lever to position **P** before removing the ignition key or switching off ignition on vehicles with power button. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, set the selector lever to position **P** before removing the ignition key or switching off ignition on vehicles with power button. Turn the front wheels towards the kerb.
- Close the windows and the sunroof.
- Remove the ignition key from the ignition switch or switch off ignition on vehicles with power button. Turn the steering wheel until the steering wheel lock is felt to engage.

  For vehicles with automatic transmission, the key can only be removed when the selector lever is in position **P**.
- Lock the vehicle.

  Activate the anti-theft alarm system ⇨ 31.
- The engine cooling fans may run after the engine has been switched off ⇨ 144.

Caution

After running at high engine speeds or with high engine loads, operate the engine briefly at a low load or run in neutral for approx. 30 seconds before switching off, in order to protect the turbocharger.

Keys, locks ⇨ 17, Laying the vehicle up for a long period of time ⇨ 143.

Keys, doors and windows

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Keys, locks

Keys

Caution
Do not attach heavy or bulky items to the ignition key.

Replacement keys

The key number is specified on a detachable tag.

The key number must be quoted when ordering replacement keys as it is a component of the immobiliser system.

Locks ⇨ 174.

Radio remote controlled key

To be used for radio remote controlled operation of central locking system and for starting the engine with the key.

Press button to extend the key for switching on ignition or manual door operation, if central locking system fails, ⇨ 23.

To fold in, first press the button.

Electronic key unit

To be used for keyless entry and keyless engine start.

The buttons on the electronic key unit can be used for radio remote controlled operation of central locking system.

Included mechanical key element must be used for manual operation if central locking system fails, ⇨ 23.

Press button at the side of the housing and remove key from the unit. The cap above the lock cylinder in the driver's door must be removed from the driver's door handle.

Operation with a key in case of central locking system fails see following pages.

Remote engine start

With this feature the engine can be started from outside the vehicle.

The climate control system will use the previous settings during a remote start. The rear defog and heated seats may turn on during remote start based on cold ambient conditions. Heated rear window ⇨ 37, Vehicle personalisation ⇨ 82.

Starting the engine using remote start

To start the engine using the electronic key:

1. Press and release ⍐.

2. Immediately press and hold ↺ for at least four seconds or until the turn signal lights flash. The turn signal lights flashing confirms the request to remote start the vehicle has been received.

   The turn signal lights flashing confirms the request to remote start the vehicle has been received.

   When the vehicle starts, the side lights will turn on and remain on as long as the engine is running. The doors are locked and the climate control system may turn on.

The engine will shut off after 15 minutes unless a time extension is done or the ignition is turned on.

If the vehicle is low on fuel, do not use the remote start feature. The vehicle may run out of fuel.

If the engine is running when you enter the vehicle, press the brake pedal and press the engine Start/Stop button before moving the shift lever out of P.

If the engine is not running when you enter the vehicle, start the engine ⇨ 104.

Extending engine run time

For a 15-minute time extension, repeat the steps while the engine is still running. The 15-minute time extension will be added on to the first 15 minutes for a total of 30 minutes.

Remote start can be extended only once.

A maximum of two remote starts, or a single remote start with one extension, are allowed between ignition cycles.

The vehicle's ignition must be turned on and then back off before the remote start procedure can be used again.

Cancelling a remote start

To cancel a remote start, do any of the following:

- Press and hold ☊ until the side lights turn off.
- Turn on the hazard warning flashers.
- Turn the ignition on and then off.

Conditions in which remote start will not work

The remote engine start feature will not operate if:

- The electronic key is inside the vehicle.
- The bonnet is not closed.
- The hazard warning flashers are on.
- The malfunction indicator light is on.
- The engine coolant temperature is too high.
- The oil pressure is low.
- Two remote vehicle starts, or a single remote start with an extension, have already been used.
- The selector lever is not in P (Park).

Radio remote control

Enables operation of the following functions via the use of the remote control buttons:

- Central locking system ⇨ 23
- Anti-theft alarm system ⇨ 31
- Boot lid ⇨ 30

The remote control has an approximate range of up to 50 metres. It can be restricted by external influences. The hazard warning flashers confirm operation.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Replacing battery in radio remote control

Replace the battery as soon as the range reduces.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

To replace:

1. Insert a flat screw driver in the recess and separate the back cover of the remote control unit.

2. Remove battery with a very small screw driver at the mark, see illustration.
3. Replace battery. Use CR 2032 or equivalent battery. Pay attention to the installation position, plus terminal upwards.
4. Install back cover of the remote control and engage by pressing the cover.

Radio remote control synchronisation

To avoid a resynchronisation of the key, replace the battery as soon as the range reduces or battery replacement is indicated by a message in the Driver Information Centre.

If the battery is completely discharged, the key has to be synchronised after battery replacement: unlock the door with the key in the driver's door lock. The radio remote control will be synchronised when you switch on the ignition and then push button.

Fault

If the central locking system cannot be operated with the radio remote control, the cause may be one of the following:

- Fault in radio remote control
- Range exceeded
- Battery voltage of the key too low
- Frequent, repeated operation of the radio remote control while not in range, which will require re-synchronisation
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time
- Interference from higher-power radio waves from other sources

Manual unlocking ⇨ 23.

Electronic key system

Enables a keyless operation of the following functions:

- Central locking system ⇨ 23
- Boot lid ⇨ 30
- Ignition switching on and starting the engine ⇨ 104
- Remote engine start ⇨ 18

The Electronic key system allows unlocking and locking of doors and liftgate without pressing the buttons on the remote control. The electronic key simply needs to be on the driver's person.

This feature can be identified by a button on the outside door handles.

Additionally the electronic key includes the functionality of the radio remote control ⇨ 20.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Replacing battery in electronic key

Replace the battery as soon as the system no longer operates properly or the range is reduced. The need for battery replacement is indicated by a message in the Driver Information Centre ⇨ 81.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

To replace:

1. Press button at the side of the electronic key unit and extract the key blade from the housing.

2. Insert flat screw driver in the center of the recess and separate the back cover of the electronic unit by turning the screw driver a quarter.
3. Remove and replace battery. Use CR 2032 or equivalent battery. Pay attention to the installation position.
4. Install back cover of the electronic unit and insert key element.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Electronic key synchronisation

The electronic key synchronises itself automatically during every starting procedure.

Fault

If the central locking cannot be operated or the engine cannot be started, the cause may be one of the following:

- Fault in electronic key
- Electronic key out of reception range
- Battery voltage of the key too low,
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time
- Interference from higher-power radio waves from other sources.

To rectify the cause of the fault, change the position of the electronic key.

Manual unlocking ⇨ 23.

Memorised settings

Whenever the ignition is switched off, the following settings are automatically memorised by the remote control unit or the electronic key:

- automatic climate control
- lighting
- Infotainment system
- central locking system
- comfort settings

The saved settings are automatically used the next time the ignition is switched on with the memorised key of the remote control unit ⇨ 20 or electronic key ⇨ 22.

A precondition is that **Personalisation by Driver** is activated in the personal settings of the Info-Display. This must be set for each remote control unit or electronic key which is used. The status change is available only after locking and unlocking the vehicle.

Vehicle personalisation ⇨ 82.

Central locking system

Unlocks and locks doors, load compartment and fuel filler flap.

If the vehicle is locked, a pull on an interior door handle unlocks the respective door. Pulling the handle once more opens the door.

Note
In the event of an accident in which airbags or belt pretensioners are deployed, the vehicle is automatically unlocked.

Locking and unlocking of the doors with the mechanical key, see **Operation with the key in case of central locking system fails** on following pages.

Remote control operation

Unlocking

Press button .

Unlocking mode can be set in the vehicle personalisation menu in the Colour-Info-Display. It can be configured as follows:

- all doors, load compartment and fuel filler flap are unlocked by pressing button once,

  or

- only the driver's door, load compartment and fuel filler flap are unlocked by pressing button once. To unlock all doors, press button twice.

The setting can be changed in the menu **Settings** in the Info-Display. Vehicle personalisation ⇨ 82.

Unlocking and opening the boot lid ⇨ 30.

Locking

Close doors, load compartment and fuel filler flap.

Press button .

If the driver's door is not closed properly, the central locking system will not work.

Confirmation

Operation of the central locking system is confirmed by the hazard warning flashers and a warning chime. A precondition is that the setting is activated in the vehicle personalisation ⇨ 82.

Depending on the country, operation is confirmed by the hazard warning flashers only. If hazard warning flashers and a warning chime come up, the operation has failed.

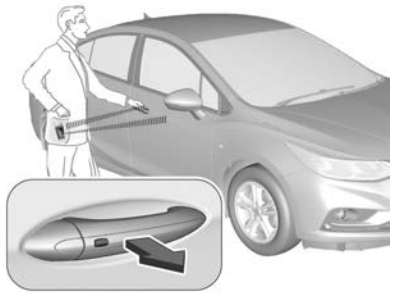
Unlocking and opening the boot lid

Press button ⛍ twice when the ignition is off to open boot lid only. The doors remain locked.

Confirmation

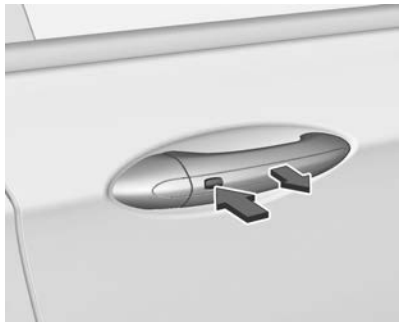
Operation of central locking system is confirmed by the hazard warning flashers.

Electronic key system operation



The electronic key must be outside the vehicle, within a range of approx. one metre of the relevant door side.

Unlocking



With locked doors and the electronic key in range to the door handle, press the button on respective exterior door handle and pull the handle.

Unlocking mode can be set in the vehicle personalisation menu in the Colour-Info-Display. It can be configured as follows:

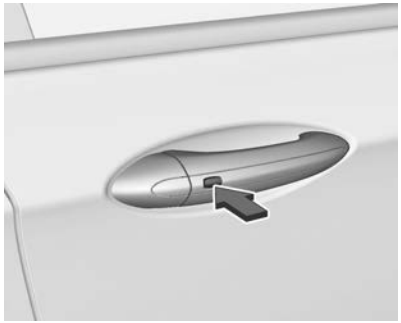
- all doors, load compartment and fuel filler flap are unlocked by pressing a button on any exterior handle once,

or

- only the driver's door, load compartment and fuel filler flap are unlocked by pressing the button on driver`s door exterior handle once. To unlock all doors, press button twice.

The setting can be changed in the menu **Settings** in the Info-Display. Vehicle personalisation ⇨ 82.

Locking



With unlocked doors and the electronic key in range to the door handle, press the button on respective exterior door handle.

All doors, load compartment and fuel filler flap are locked.

If the driver's door is not closed properly or the electronic key remains in the vehicle and the ignition is not off, locking will not be permitted and a warning tone sounds three times.

If there have been two or more electronic keys in the vehicle and the ignition was on once, the doors will be locked even if just one electronic key is taken out of the vehicle.

Unlocking and opening the boot lid

The boot lid and the doors can be unlocked by pressing the button under the boot lid moulding when electronic key is in range.

Operation with buttons on the electronic key

Central locking system can also be operated by the buttons on the electronic key.

Press button to unlock.

Press button to lock.

Press button twice to open boot lid only. The doors remain locked.

See Remote control operation ⇨ 23.

Passive Locking

See Automatic locking ⇨ 28.

Confirmation

Operation of central locking system is confirmed by the hazard warning flashers.

Central operation from the passenger compartment

Locks or unlocks all doors, the load compartment and fuel filler flap by switches in the driver's door panel.

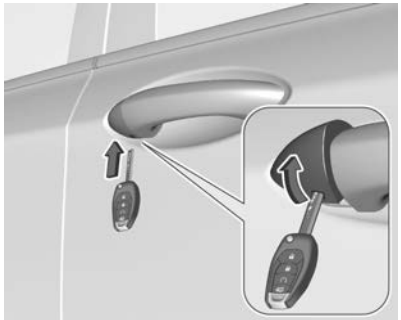
Press the button to lock.

Press the button to unlock.

Operation with the key in case of central locking system fails

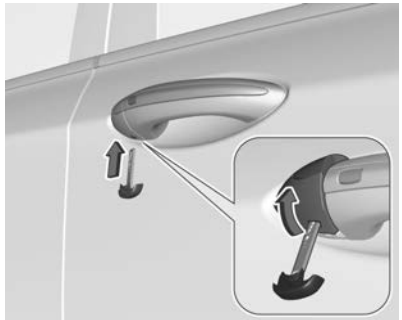
In case of a fault, e. g. vehicle battery or remote control/electronic key battery is empty, the driver's door can be locked or unlocked with the mechanical key in the driver's door lock.

The locking cylinder in the driver's door is covered by a cap.



Remote control: to remove the cap, fold out mechanical key by pressing the knob on the remote control. Insert the key from the lower side of the cap in the recess and swivel the key upward.

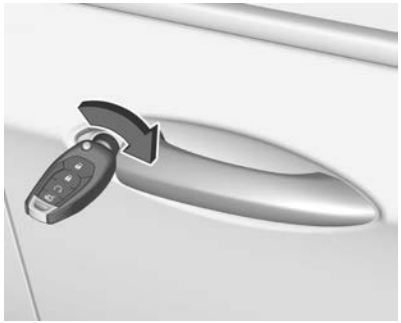
Keys ⇨ 17



Electronic key: to remove the cap, press button at the side and extract the key blade from the housing. Insert the key from the lower side of the cap in the recess and swivel the key upward.

Keys ⇨ 17

Manual unlocking

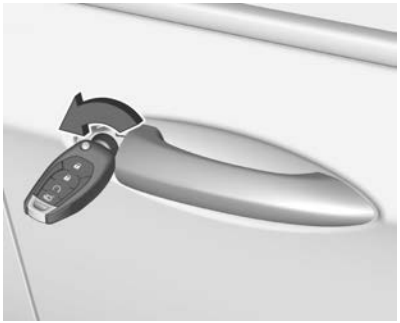


Manually unlock the driver's door by inserting and turning the key in the lock cylinder.

The other doors can be opened by pulling the interior handle twice or by pressing unlocking button in the driver's door panel. The load compartment and fuel filler flap will be possibly not unlocked.

By switching on the ignition, the anti-theft locking system is deactivated.

Manual locking



Push inside locking knob of all doors except driver's door or press unlocking button in the driver's door panel. Then close the driver's door and lock it from the outside by turning the key in the lock cylinder. The fuel filler flap and boot lid are possibly not locked.

After locking install the cap above the lock cylinder: insert the cap with the lower side in the recesses and swivel and push the cap until it engages at the upper side.

Automatic locking

When the doors are closed, the ignition is on and the shift lever is moved out of **P** (automatic transmission) or the vehicle is exceeding a certain speed (manual transmission), the doors will lock.

To unlock the doors:

- Press .
- For vehicles with automatic transmission, shift the selector lever into **P**.
- For vehicles with manual transmission, the vehicle will be unlocked automatically as soon as the key is removed from the ignition switch, or when the ignition is switched off on vehicles with power button.

Activation or deactivation of automatic locking can be set in the menu **Settings**, ➧ **Vehicle** in the Info-Display.

Info-Display ⇨ 79.

Vehicle personalisation ⇨ 82.

Automatic relock after unlocking

This feature can be configured to automatically lock all doors, load compartment and fuel filler flap a short time after unlocking with the remote control or electronic key, provided no door has been opened.

Settings can be changed in the menu **Settings**, ➧ **Vehicle** in the Info-Display. Vehicle personalisation ⇨ 82.

Passive locking

In vehicles with electronic key system, this feature locks the vehicle automatically after several seconds if an electronic key was recognised previously inside the vehicle, all doors have then been closed and the electronic key does not remain in the interior.

If the electronic key remains in the vehicle or the ignition is not off, passive locking will not be permitted and a warning tone sounds three times.

If there have been two or more electronic keys in the vehicle and the ignition was on once, the feature locks the vehicle if just one electronic key is taken out of the vehicle.

Passive locking can be disabled by pressing for a few seconds while one door is open. It remains disabled until is pressed or the ignition is switched on.

Settings can be changed in the menu **Settings**, ➧ **Vehicle** in the Info-Display. Vehicle personalisation ⇨ 82.

Child locks

⚠ Warning

Use the child locks whenever children are occupying the rear seats.

Move the button in the rear door to the front. The door cannot be opened from the inside.

To deactivate, move the button to rear position.

Doors

Load compartment

Boot lid

Opening

Boot lid is unlocked together with the doors by pressing on remote control.

To unlock only the boot lid while doors remain locked, press button on the remote control twice.

Press the touchpad switch below the boot lid moulding to open when the vehicle is unlocked.

Closing

Use interior handle.

Do not push the touchpad switch whilst closing as this will unlock the boot lid again.

Lock the vehicle by pressing on the remote control. Electronic key system: Press button on any door handle.

Central locking system ⇨ 23.

General hints for operating boot lid

⚠Danger

Do not drive with the boot lid open or ajar, e.g. when transporting bulky objects, since toxic exhaust gases, which cannot be seen or smelled, could enter the vehicle. This can cause unconsciousness and even death.

Caution

Before opening the boot lid check overhead obstructions, such as a garage door, to avoid damage of the boot lid. Always check the moving area above and behind the boot lid.

Note
The installation of certain heavy accessories onto the boot lid may affect its ability to remain open.

Vehicle security

Anti-theft alarm system

The anti-theft alarm system monitors:

- doors, boot lid, bonnet
- ignition

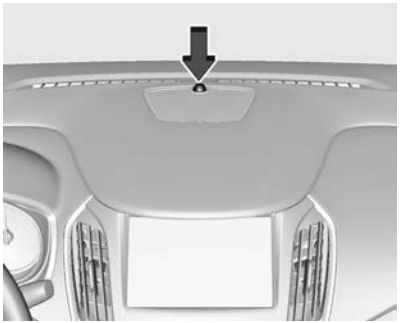
Activation

All doors must be closed and the electronic key must not remain in the vehicle. Otherwise the system cannot be activated.

- Radio remote control: self-activated 30 seconds after locking the vehicle by pressing once.
- Electronic key system: self-activated 30 seconds after locking the vehicle by pressing the button on any exterior door handle.

- Radio remote control or electronic key: directly by pressing twice within 5 seconds.
- Electronic key system with passive locking enabled: briefly activated after passive locking occurs.

Status LED



Status LED is integrated in the sensor on top of the instrument panel.

Status during the first 30 seconds of anti-theft alarm system activation:

LED illuminates : test, arming delay.
LED flashes quickly : doors, boot lid or bonnet not completely closed, or system fault.

Status after system is armed:

LED flashes slowly : system is armed.

Seek the assistance of a workshop in the event of faults.

Deactivation

Radio remote control: Unlocking the vehicle by pressing button deactivates anti-theft alarm system.

Electronic key system: Unlocking the vehicle by pressing the button and pulling the handle on any exterior door deactivates anti-theft alarm system.

The system is not deactivated when unlocking the driver's door with the key or with the central locking button in the passenger compartment.

Alarm

When triggered, the alarm sounds and the hazard warning lights flash simultaneously.

The anti-theft alarm system can be deactivated only by pressing the button or by pressing the switch on the door handle (electronic key system) or switching on the ignition.

A triggered alarm, which has not been interrupted by the driver, will be indicated by the hazard warning lights. They will flash quickly three times the next time the vehicle is unlocked with the radio remote control. Additionally a warning message is displayed in the Driver Information Centre after switching on the ignition.

Vehicle messages ⇨ 81.

Immobiliser

The system is part of the ignition switch and checks whether the vehicle is allowed to be started with the key or remote control unit being used.

The immobiliser is activated automatically after the key has been removed from the ignition switch or the valid electronic key has been removed from the vehicle.

If the control indicator flashes when the ignition is on, there is a fault in the system; the engine cannot be started. Switch off the ignition and repeat the start attempt.

If the control indicator continues flashing, attempt to start the engine using the spare key and seek the assistance of a workshop.

Note

The immobiliser does not lock the doors. Always lock the vehicle after leaving it ⇨ 23.

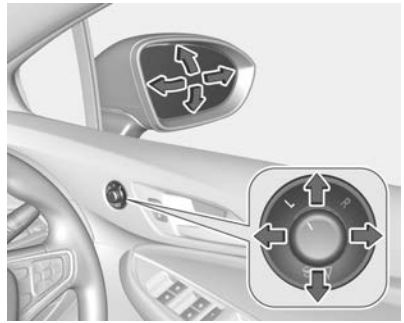
Control indicator ⇨ 73.

Exterior mirrors

Convex shape

The convex exterior mirror contains an aspherical area and reduces blind spots. The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.

Electric adjustment



Select the relevant exterior mirror by turning the control to left **(L)** or right **(R)**. Then swivel the control to adjust the mirror.

In position **0** no mirror is selected.

Folding mirrors

For pedestrian safety, the exterior mirrors will swing out of their normal mounting position if they are struck with sufficient force. Reposition the mirror by applying slight pressure to the mirror housing.

⚠Warning

Always keep your mirrors properly adjusted, and use them while driving to increase your visibility of objects and other vehicles around you. Do not drive while either outside rearview mirror is folded back.

Heated mirrors

Operated by pressing the button.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Interior mirrors

Manual anti-dazzle

To reduce dazzle, adjust the lever on the underside of the mirror housing.

Windows

Windscreen

Heat-reflecting windscreen

The heat-reflecting windscreen has a coating which reflects solar radiation. Also data signals, e.g. from toll stations, might be reflected.

The marked areas on the windscreen are not covered with the coating. Devices for electronic data recording and fee payment must be attached in these areas. Otherwise data recording malfunctions may occur.

Windscreen stickers

Do not attach stickers such as toll road stickers or similar on the windscreen in the area of the interior mirror. Otherwise the detection zone of the sensor and the view area of the camera in the mirror housing could be restricted.

Power windows

⚠Warning

Take care when operating the power windows. Risk of injury, particularly to children.

If there are children on the rear seat, switch on the child safety system for the power windows.

Keep a close watch on the windows when closing them. Ensure that nothing becomes trapped in them as they move.

Operable with ignition in position **Accessory power mode** or **Ignition on power mode** ⇨ 102, ⇨ 103.

Retained power off ⇨ 104.

Operating

Operate the switch for the respective window by pushing to open or pulling to close.

Driver's door (LTZ model):
Pushing or pulling gently to the first detent: window moves up or down as long as the switch is operated.

Pushing or pulling firmly to the second detent then releasing: window moves up or down automatically with safety function enabled. To stop movement, operate the switch once more in the same direction.

All doors (except driver's door LTZ model):
Pushing gently to the first detent or pulling: window moves up or down as long as the switch is operated.

Pushing firmly to the second detent then releasing: window moves down automatically. To stop movement, operate the switch once more in the same direction.

Safety function

If the driver's door window glass encounters resistance above the middle of the window during automatic closing, it is immediately stopped and opened again.

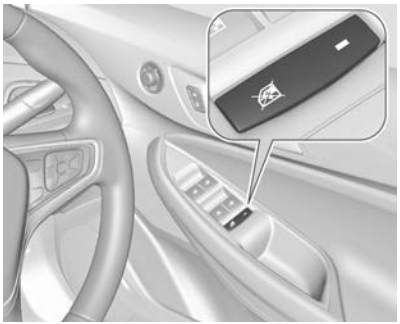
Override safety function

In the event of closing difficulties due to frost or the like, switch on the ignition, then pull the switch to the first detent and hold. The window moves up without safety function enabled. To stop movement, release the switch.

Operation standby

Power windows can be operated for approx. 10 minutes after the ignition is switched off or until the driver's door is opened.

Child safety system for rear windows



Press switch to deactivate rear door power windows; the LED illuminates. To activate, press again.

Overload

If the windows are repeatedly operated within short intervals, the window operation is disabled for some time.

Initialising the power windows

If the window cannot be closed automatically (e.g. after disconnecting the vehicle battery), a warning message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 81.

Activate the window electronics as follows:

1. Close doors.
2. Switch on ignition.
3. Pull switch until the window is closed and keep pulled for additional two seconds.
4. Repeat for each window.

Heated rear window

Operated by pressing the button.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Sun visors

The sun visors can be folded down or swivelled to the side to prevent dazzling.

If the sun visors have integral mirrors, the mirror covers should be closed when driving.

Roof

Sunroof

⚠Warning

Take care when operating the sun roof. Risk of injury, particularly to children.

Keep a close watch on the movable parts when operating them. Ensure that nothing becomes trapped in them as they move.

Operable with ignition in position **Accessory power mode** or **Ignition on power mode** ⇨ 102, ⇨ 103.

Retained power off ⇨ 104.

Open or close

Press or gently to the first detent: sunroof is opened or closed as long as the switch is operated.

Press or firmly to the second detent and then release: the sunroof is opened or closed automatically with safety function enabled. To stop movement, operate the switch once more.

Raise or close

Press or : sunroof is raised or closed automatically with safety function enabled.

If the sunroof is raised, it can be opened in one step by pressing .

Sunblind

The sunblind is manually operated.

Close or open the sunblind by sliding. When the sunroof is open, the sunblind is always open.

General hints

Safety function

If the sunroof encounters resistance during automatic closing, it is immediately stopped and opened again.

Override safety function

In the event of closing difficulties, e.g. due to frost, hold the switch pressed to the first detent. The sunroof closes with safety function disabled. To stop movement, release the switch.

Initialising after a power failure

After a power failure, it may only be possible to operate the sunroof to a limited extent. Have the system initialised by your workshop.

Seats, restraints

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Head restraints

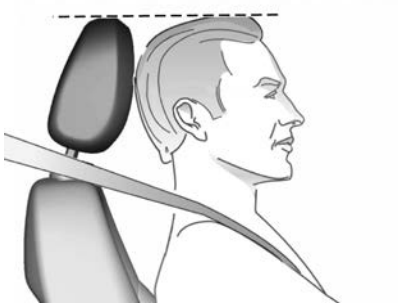
Position

⚠Warning

Only drive with the head restraint set to the proper position.

Removed or improperly adjusted head restraints can result in serious head and neck injuries in case of a collision.

Make sure that the head restraint readjusted before driving.



The upper edge of the head restraint should be at upper head level. If this is not possible for extremely tall people, set to highest position, and set to lowest position for small people.

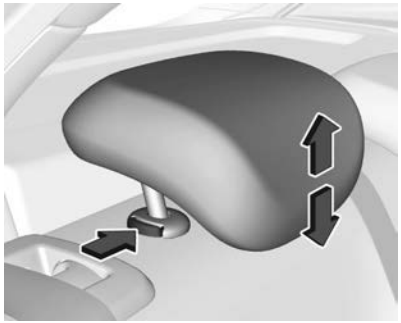
Adjustment

Head restraints on front seats

Height adjustment

Press release button, adjust height, engage.

Head restraints on rear seats



Height adjustment
Pull the head restraint upwards or press the catch to release and push the head restraint downwards.

Removal
Press both catches, pull the head restraint upwards and remove.

Front seats

Seat position

⚠Warning

Only drive with the seat correctly adjusted.

⚠Danger

Do not sit nearer than 25 cm from the steering wheel, to permit safe airbag deployment.

⚠Warning

Never adjust seats while driving as they could move uncontrollably.

⚠Warning

Never store any objects under the seats.

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when pressing the pedals. Slide the front passenger seat as far back as possible.
- Set seat height high enough to have a clear field of vision on all sides and of all display instruments. There should be at least one hand of clearance between head and the roof frame. Your thighs should rest lightly on the seat without pressing into it.

- Sit with shoulders as far back against the backrest as possible. Set the backrest rake so that it is possible to easily reach the steering wheel with arms slightly bent. Maintain contact between shoulders and the backrest when turning the steering wheel. Do not angle the backrest too far back. We recommend a maximum rake of approx. 25°.
- Adjust seat and steering wheel in a way that the wrist rests on top of the steering wheel while the arm is fully extended and shoulders on the backrest.
- Adjust the steering wheel ⇨ 58.
- Adjust the head restraint ⇨ 39.

Manual seat adjustment

Drive only with engaged seats and backrests.

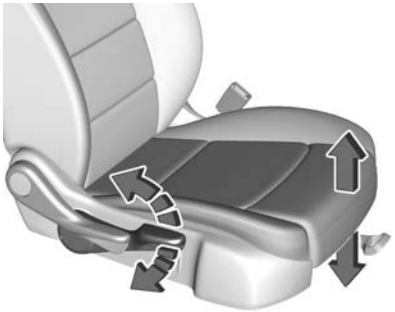
Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.

Backrest inclination

Pull lever, adjust inclination and release lever. Allow the backrest to engage audibly.

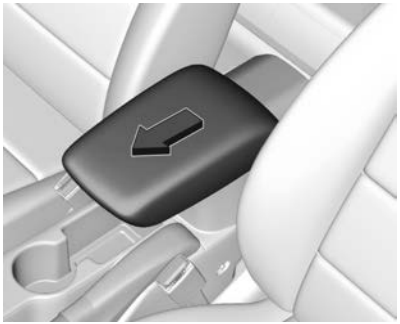
Seat height



Lever pumping motion

up : seat higher
down : seat lower

Armrest



The armrest can be slid forwards by 10 cm. Under the armrest there is a storage compartment.

Armrest storage ⇨ 54.

Heating

Adjust heating to the desired setting by pressing the button for the respective seat one or more times. The control indicator in the button indicates the setting.

Prolonged use of the highest setting for people with sensitive skin is not recommended.

Seat heating is operational when engine is running.

Remote start heated seats

The vehicle may have heated seats that can be automatically turned on during a remote start, when the

temperature outside is below approximately 10°C. They are cancelled when the ignition is turned on.

Press the button to use the heated seats after the vehicle is started. The heated seat indicator lights do not turn on during a remote start. The temperature performance of an unoccupied seat may be reduced. This is normal.

The heated seats will not turn on during a remote start unless they are enabled in the vehicle personalisation menu. Remote vehicle start ⇨ 18, vehicle personalisation ⇨ 82.

Rear seats

Armrest

Fold armrest down. The armrest contains cupholders.

Seat belts

The seat belts are locked during heavy acceleration or deceleration of the vehicle holding the occupants in the sitting position. Therefore the risk of injury is considerably reduced.

⚠ Warning

Fasten seat belt before each trip.

In the event of an accident, persons not wearing seat belts endanger their fellow occupants and themselves.

Seat belts are designed to be used by only one person at a time. Child restraint system ⇨ 48.

Periodically check all parts of the belt system for damage, pollution and proper functionality.

Have damaged components replaced. After an accident, have the belts and triggered belt pretensioners replaced by a workshop.

Note
Make sure that the belts are not damaged by shoes or sharp-edged objects or trapped. Prevent dirt from getting into the belt retractors.

Seat belt reminder

Front and rear seats are equipped with a seat belt reminder, indicated for driver seat as control indicator in the speedometer ⇨ 64 and for passenger seat in the roof console ⇨ 67. The seat belt reminder for rear seats is indicated by symbol in the Driver Information Centre ⇨ 69.

Belt force limiters

On the front seats, stress on the body is reduced by the gradual release of the belt during a collision.

Belt pretensioners

In the event of a head-on or rear-end collision of a certain severity, the front seat belts are tightened.

⚠ Warning

Incorrect handling (e.g. removal or fitting of belts or belt buckles) can trigger the belt tensioners with risk of injury.

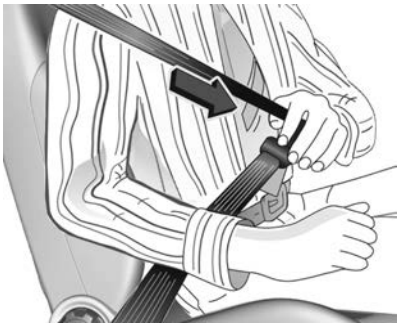
Deployment of the belt pretensioners is indicated by continuous illumination of control indicator ⇨ 70.

Triggered belt pretensioners must be replaced by a workshop. Belt pretensioners can only be triggered once.

Note
Do not affix or install accessories or other objects that may interfere with the operation of the belt pretensioners. Do not make any modifications to belt pretensioner components as this will invalidate the vehicle type approval.

Three-point seat belt

Fastening



Withdraw the belt from the retractor, guide it untwisted across the body and insert the latch plate into the buckle. Tighten the lap belt regularly whilst driving by pulling the shoulder belt.

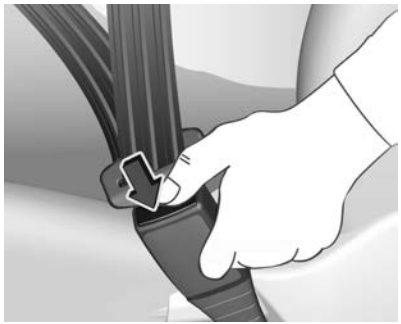
Loose or bulky clothing prevents the belt from fitting snugly. Do not place objects such as handbags or mobile phones between the belt and your body.

⚠Warning

The belt must not rest against hard or fragile objects in the pockets of your clothing.

Seat belt reminder ⇨ 69.

Unfasten



To release belt, press red button on belt buckle.

Seat belts on the rear seats

The seat belt for the rear centre seat can only be withdrawn from the retractor if the backrest is engaged in upright position.

Using the seat belt while pregnant

⚠Warning

The lap belt must be positioned as low as possible across the pelvis to prevent pressure on the abdomen.

Airbag system

The airbag system consists of a number of individual systems depending on the scope of equipment.

When triggered, the airbags inflate within milliseconds. They also deflate so quickly that it is often unnoticeable during the collision.

⚠Warning

If handled improperly, the airbag systems can be triggered in an explosive manner.

Note

The airbag systems and belt pretensioner control electronics are located in the centre console area. Do not put any magnetic objects in this area.

Do not stick anything on the airbag covers and do not cover them with other materials.

Each airbag is triggered only once. Have deployed airbags replaced by a workshop. Furthermore, it might be necessary to have the steering wheel, the instrument panel, parts of the panelling, the door seals, handles and the seats replaced.

Do not make any modifications to the airbag system as this will invalidate the vehicle type approval.

When the airbags inflate, escaping hot gases may cause burns.

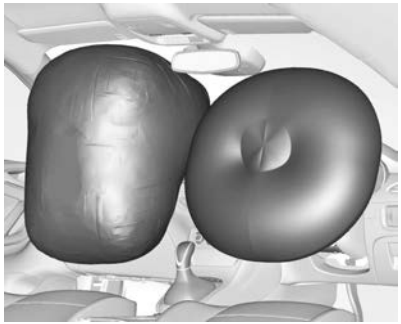
Control indicator for airbag systems ⇨ 70.

Front airbag system

The front airbag system consists of one airbag in the steering wheel and one in the instrument panel on the passenger side. These can be identified by the word **AIRBAG**.

Additionally there is a warning label on the front passenger sun visor.

The front airbag system is triggered in the event of an accident of a certain severity. The ignition must be on.



The forward movement of the front seat occupants is retarded, thereby considerably reducing the risk of injury to the upper body and head.

⚠Warning

Optimum protection is only provided when the seat is in the proper position ⇨ 40.

Keep the area in which the airbag inflates clear of obstructions.

Wear the seat belt properly fastened. Only then the airbag is able to protect.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

Side airbag system

The side airbag system consists of an airbag in each front seat backrest. This can be identified by the word **AIRBAG**.

The side airbag system is triggered in the event of a side impact of a certain severity. The ignition must be switched on.

The risk of injury to the upper body and pelvis in the event of a side-on collision is considerably reduced.

⚠Warning

Keep the area in which the airbag inflates clear of obstructions.

Note

Only use protective seat covers that have been approved for your vehicle. Be careful not to cover the airbags.

⚠Warning

Children who are seated in close proximity to a side airbag may be at risk of serious or fatal injury if the airbag deploys, especially if the child's head, neck, or chest is close to the airbag at the time of deployment.

Never let your child lean on the door or close to the side airbag module.

Curtain airbag system

The curtain airbag system consists of an airbag in the roof frame on each side. This can be identified by the word **AIRBAG** on the roof pillars.

The curtain airbag system is triggered in the event of a side-on impact of a certain severity. The ignition must be switched on.

The risk of injury to the head in the event of a side impact is considerably reduced.

⚠Warning

Keep the area in which the airbag inflates clear of obstructions.

The hooks on the handles in the roof frame are only suitable for hanging up light articles of clothing, without coat hangers. Do not keep any items in these clothes.

Child restraints

Child restraint systems

When a child restraint system is being used, pay attention to the following usage and installation instructions and also those supplied with the child restraint system.

There is a warning label on the front passenger sun visor.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

⚠Warning

This manual provides you with general information concerning child restraints only. The driver is required by law to ensure that passengers and pets are suitably restrained.

In most States and Territories of Australia and New Zealand, specific laws may exist which require children to be seated in approved child restraints and/or certain locations within the vehicle. Holden strongly recommends that you refer to your specific State or Territory regulations to determine which child restraint and seat location is suitable for your child.

⚠Warning

Children should be restrained at all times when travelling in a vehicle.

Always ensure that the seat belt fits firmly around the child restraint, as applicable to the type of restraint used.

If a child cannot see out of the window, do not raise him/her by means of an ordinary cushion. It will not stay in place in a collision and the child can slip out of the straps and become entangled.

⚠Warning

It is safest for children to be seated in the rear seat.

Only child restraints that have clips to attach to the vehicle's anchorage fitting are to be used. Other types of child restraints may not attach securely to this type of anchor.

Use only Standards Australia and New Zealand approved child restraints and harnesses. You should only purchase a child restraint which carries the appropriate Standards Australia sticker of approval.

Australian States and Territories and New Zealand have laws restricting the seating of children in the front passenger seat. In most jurisdictions, children under 4 years should not be seated in the front passenger seat. Check your local road safety regulations before seating a child in the front seat. Where legally allowable, you may install a forward-facing child

restraint in the front seat, but always move the passenger seat as far back as it will go.

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

Always follow the child restraint manufacturer's fitting instructions when installing a child restraint into the vehicle.

Three-point seat belt

Child restraint systems can be fastened by using a three-point seat belt. Depending on the size of the used child restraint systems, up to three child restraint systems can be attached to the rear seats ⇨ 52.

Isofix child restraint systems

Fasten vehicle-approved ISOFIX child restraint systems to the ISOFIX mounting brackets. Specific vehicle ISOFIX child restraint system positions are marked in the ISOFIX table ⇨ 52.

ISOFIX mounting brackets are indicated by a label on the backrest.

Either a Top-tether strap or a support leg must be used in addition to the ISOFIX mounting brackets.

When using ISOFIX mounting brackets for seat mounting, universally approved child restraint systems for ISOFIX may be used.

Top-tether child restraint systems

Top-tether fastening eyes are marked with the symbol on the load compartment cover.

Open the flap of the required fastening eye, marked by the child seat symbol.

In addition to the ISOFIX mounting fasten the Top-tether strap to the Top-tether fastening eyes. The strap must run between the two guide rods of the head restraint.

ISOFIX child restraint systems of universal category positions are marked in the table by IUF ⇨ 52.

Selecting the right system

The rear seats are the safest location to fasten a child restraint system.

Your child should travel facing backwards in the vehicle, until as old as possible. It is appropriate to change the system when the child's head can no longer be properly supported at eye height. The child's cervical vertebrae are still very weak and in an accident they suffer less stress in the semi-prone rearward position than when sitting upright.

Never carry a child whilst travelling in the vehicle. The child will become too heavy to hold in the event of a collision.

When transporting children, use the child restraint systems suitable for the child's weight.

Ensure that the child restraint system to be installed is compatible with the vehicle type.

Ensure that the mounting location of the child restraint system within the vehicle is correct.

Only allow children to enter and exit the vehicle at the side facing away from the traffic.

When the child restraint system is not in use, secure the seat with a seat belt or remove it from the vehicle.

⚠Warning

Do not stick anything on the child restraint systems and do not cover them with any other materials.

A child restraint system which has been subjected to stress in an accident must be replaced.

Please ensure that infants and children are seated in the rear seats using child restraints.

Until the children can use seat belts, please select a child restraint suitable for its age and make sure the child wears it. Please see the instructions on the relevant products for child restraints.

Child restraint installation locations

Permissible options for fastening a child restraint system with a three-point seat belt

Weight class	On front passenger seat	On rear outboard seats	On rear centre seat
Group 0: up to 10 kg	X	U[1]	U
Group 0+: up to 13 kg	X	U[1]	U
Group I: 9 to 18 kg	X	U[1]	U
Group II: 15 to 25 kg	X	U[1]	U
Group III: 22 to 36 kg	X	U[1]	U

U : universal suitability in conjunction with three-point seat belt and Top-Tether mounting brackets
X : no child restraint system permitted in this weight class
[1] : seat available with ISOFIX and Top-Tether mounting brackets

Storage

Storage compartments **53**
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Cupholders 53
Front storage 54
Armrest storage 54
Centre console storage 55
Load compartment **55**
Rear floor storage cover 56
Loading information **57**

Storage compartments

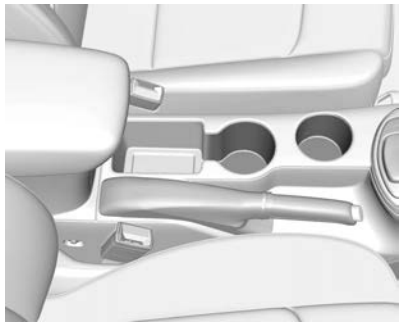
⚠Warning

Do not not store heavy or sharp objects in the storage compartments. Otherwise, the storage compartment lid could open and vehicle occupants could be injured by objects being thrown around in the event of sharp braking, a sudden change in direction or an accident.

Glovebox

The glovebox should be closed whilst driving.

Cupholders



Cupholders are located in the centre console.

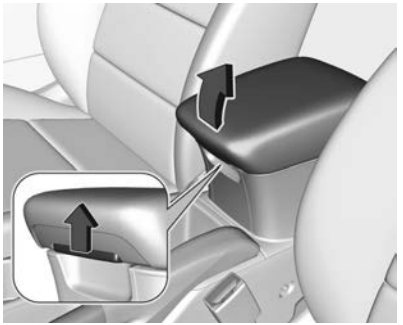
Additional cupholders are located in the rear armrest. Fold down the armrest.

Front storage

A storage compartment is located next to the steering wheel.

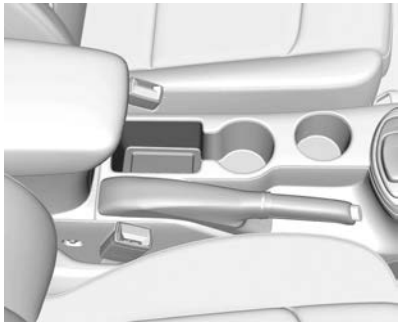
Armrest storage

Storage under the front armrest



Press button to fold up the armrest. The armrest must be in rearmost position.

Centre console storage



Storage in the centre console.

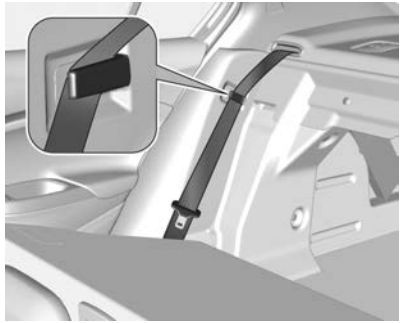
Load compartment

The rear seat backrest may be undivided or split into two parts. The backrest can be folded down.

Load compartment extension

- Press and hold the catch to push the head restraints down ⇨ 39.
- Fold up the rear armrest.

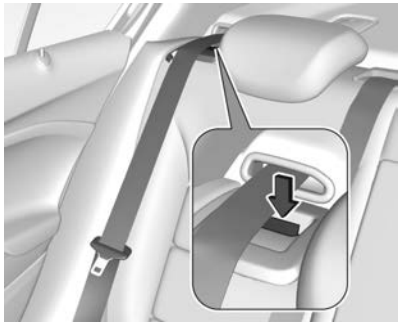
- When folding the backrests, pull the seat belts along with them.
- Pull the release lever on one or both sides and fold down the backrests onto the seat cushion.



- Fit the seat belt behind the retainer as shown in the illustration.

To fold up, raise the backrest and guide it into an upright position until it engages audibly.

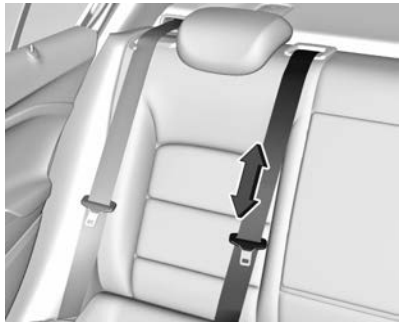
Ensure that the seat belts of the outboard seats are not caught in the backrest.



The backrests are properly engaged when the red mark near the release lever is no longer visible.

⚠Warning

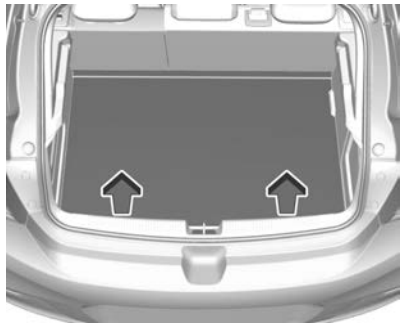
When folding up, ensure that backrests are securely locked in position before driving. Failure to do so may result in personal injury or damage to the load or vehicle in the event of hard braking or a collision.



The seat belt of the centre seat could be locked when the backrest is folded up too quickly. To unlock the retractor, push in the seat belt or pull it out by approx. 20 mm then release.

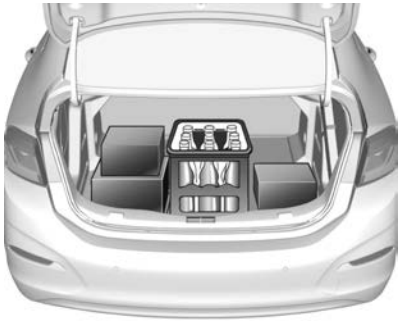
Rear floor storage cover

Rear floor cover



The rear floor cover can be removed. Raise cover at the notches.

Loading information



- Heavy objects in the load compartment should be placed against the seat backrests. Ensure that the backrests are securely engaged. If objects can be stacked, heavier objects should be placed at the bottom.
- Use the hooks at the sidewalls of the load compartment for hanging up carrier bags. Maximum load: 5 kg per hook.
- Secure loose objects in the load compartment to prevent them from sliding.
- When transporting objects in the load compartment, the backrests of the rear seats must not be angled forward.
- Do not allow the load to protrude above the upper edge of the backrests.
- Do not place any objects on the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector lever, or hinder the freedom of movement of the driver. Do not place any unsecured objects in the interior.
- Do not drive with an open load compartment.

⚠Warning

Always make sure that the load in the vehicle is securely stowed. Otherwise objects can be thrown around inside the vehicle and cause personal injury or damage to the load or car.

- Optional equipment and accessories increase the kerb weight.
- Driving with a roof load increases the sensitivity of the vehicle to cross-winds and has a detrimental effect on vehicle handling due to the vehicle's higher centre of gravity. Distribute the load evenly and secure it properly with retaining straps. Adjust the tyre pressure and vehicle speed according to the load conditions. Check and retighten the straps frequently.

Instruments and controls

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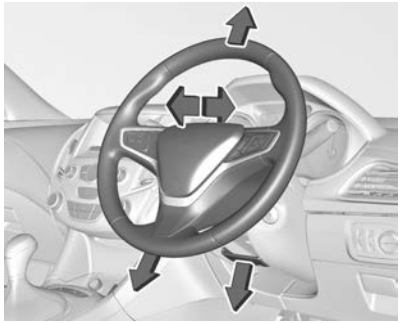
Controls

Steering wheel adjustment



Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked.

Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Steering wheel controls

Driver Information Centre, some driver assistance systems, Infotainment system and a connected mobile phone can be operated via the controls on the steering wheel.

Driver Information Centre ⇨ 74.

Driver assistance systems ⇨ 115.

On the backside of the steering wheel there are buttons for volume and various functions of the Infotainment system.

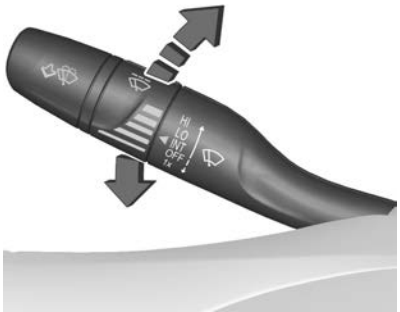
Infotainment information is available in the Infotainment system manual.

Horn

Press .

Windscreen wiper/washer

Windscreen wiper with adjustable wiper interval



HI : fast
LO : slow
INT : interval wiping
OFF : off

For a single wipe when the windscreen wiper is off, press the lever downwards to position **1x**.

Do not use if the windscreen is frozen.

Switch off in car washes.

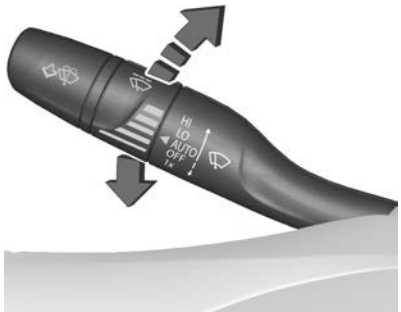
Adjustable wiper interval

Wiper lever in position **INT**.

Turn the adjuster wheel to adjust the desired wipe interval:

short interval : turn adjuster wheel upwards
long interval : turn adjuster wheel downwards

Windscreen wiper with rain sensor



HI : fast
LO : slow
AUTO : automatic wiping with rain sensor
OFF : off

In **AUTO** position the rain sensor detects the amount of water on the windscreen and automatically regulates the frequency of the windscreen wiper.

For a single wipe when the windscreen wiper is off, press the lever downwards to position **1x**.

Do not use if the windscreen is frozen.

Switch off in car washes.

Adjustable sensitivity of the rain sensor

Wiper lever in position **AUTO**.

Turn the adjuster wheel to adjust the sensitivity:

low sensitivity : turn adjuster wheel downwards

high sensitivity : turn adjuster wheel upwards

Keep the sensor free from dust, dirt and ice.

Windscreen washer

Pull lever. Washer fluid is sprayed onto the windscreen and the wiper wipes a few times.

Washer fluid ⇨ 149.

Outside temperature

A drop in temperature is indicated immediately and a rise in temperature after a time delay.

Illustration shows an example.

If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

⚠Warning

The road surface may already be icy even though the display indicates a few degrees above 0 °C.

Clock

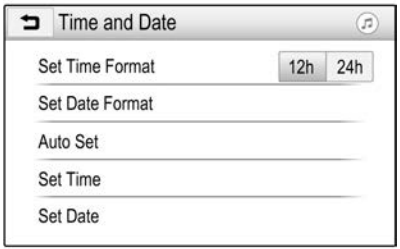
Date and time are shown in the Info-Display.

Info-Display ⇨ 79.

7" Colour-Info-Display

Press ⌂ and then select **Settings**.

Select **Time and Date** to display the respective submenu.



Set Time Format
To select the desired time format, touch the screen buttons **12 h** or **24 h**.

Set Date Format
To select the desired date format, select **Set Date Format** and choose between the available options in the submenu.

Auto Set
To choose whether time and date are to be set automatically or manually, select **Auto Set**.

For time and date to be set automatically, select **On - RDS**.

For time and date to be set manually, select **Off - Manual**. If **Auto Set** is set to **Off - Manual**, the submenu items **Set Time** and **Set Date** become available.

Set time and date
To adjust the time and date settings, select **Set Time** or **Set Date**.

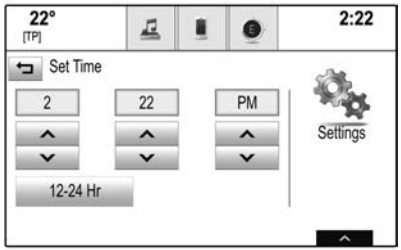
Touch **+** and **-** to adjust the settings.

8" Colour-Info-Display

Press ⌂ and then select the **Settings** icon.

Select **Time and Date**.

Set time
Select **Set Time** to enter the respective submenu.



Adjust hours and minutes by touching ∧ or ∨.

Touch **12-24 Hr** on the left side of the screen to select a time mode.

If 12-hour mode is selected, a third column for AM and PM setting is displayed. Select the desired option.

Set date

Select **Set Date** to enter the respective submenu.

Note

If date information is automatically provided, this menu item is not available.

Adjust the date by touching ∧ or ∨.

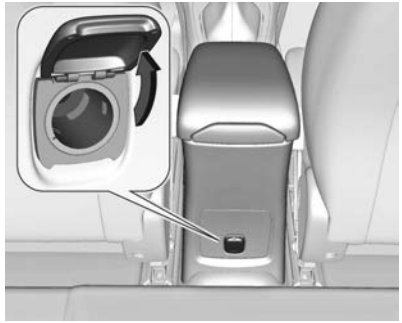
Clock display

Select **Clock Display** to enter the respective submenu.

To turn off the digital clock display in the menus, select **Off**.

Power outlets

A 12 Volt power outlet is located in the centre console.



A further 12 Volt power outlet is located in the rear console. Fold the cover upwards.

Do not exceed the maximum power consumption of 120 watts.

With ignition off, the power outlets are deactivated. Additionally the power outlets are deactivated in the event of low vehicle battery voltage.

Do not connect any current-delivering accessories, e.g. electric charging devices or batteries.

Do not damage the outlet by using unsuitable plugs.

USB charging port

A USB port for charging devices is located in the centre console.

The socket provides 2.1 Ampere at five Volts.

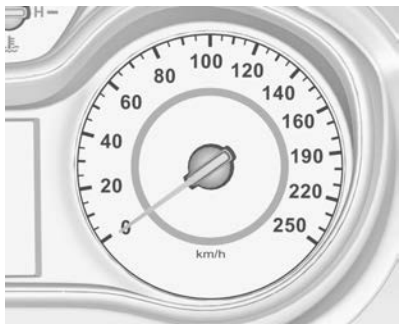
Note
The sockets must always be kept clean and dry.

Warning lights, gauges and indicators

Instrument cluster

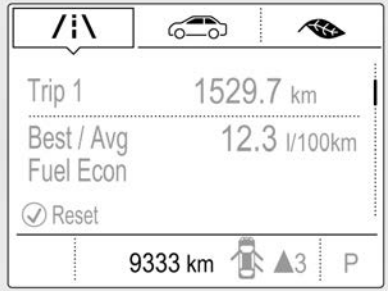
In some versions, the needles of the instruments briefly rotate to the end position when the ignition is switched on.

Speedometer



Indicates vehicle speed.

Odometer



The total recorded distance is displayed in km.

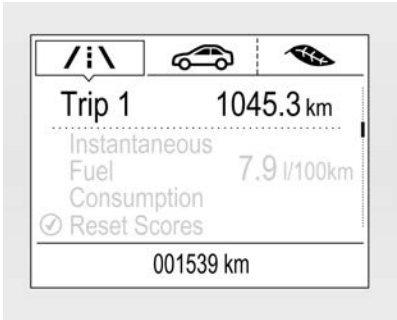
Trip odometer

The recorded distance since the last reset is displayed on the trip computer page.

Trip odometer counts up to 9,999 km and then restarts at 0.

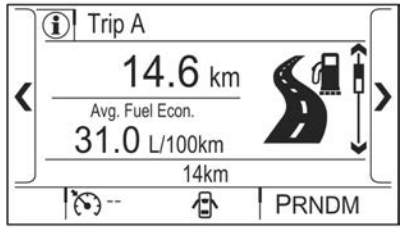
Two trip odometer are selectable for different trips.

Midlevel instrument cluster



Select Trip/fuel information /i\ menu by pressing ◅ or ▻ on the right side of the steering wheel. Choose page **Trip 1** or **Trip 2** by pressing ▵ or ▿. Each trip odometer can be reset separately by pressing ✔ for a few seconds.

Uplevel instrument cluster

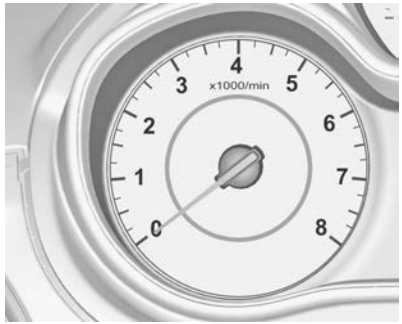


Select **Info** page i on main menu. Choose page **Trip A** or **Trip B** by pressing ▿ on the steering wheel.

Each trip odometer can be reset separately when ignition is on: select respective page, press ▻. Confirm by pressing ✔.

Driver Information Centre ⇨ 74.

Tachometer



Displays the engine speed.

Drive in a low engine speed range for each gear as much as possible.

Caution
If the needle is in the red warning zone, the maximum permitted engine speed is exceeded. Engine at risk.

Fuel gauge

Displays the fuel level in the tank.

Control indicator ⛽ illuminates if the level in the tank is low. Refuel immediately if it flashes.

Never run the tank dry.

Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.

Engine coolant temperature gauge

Displays the coolant temperature.

left area	:	engine operating temperature not yet reached
central area	:	normal operating temperature
right area	:	temperature too high

Caution
If engine coolant temperature is too high, stop vehicle, switch off engine. Danger to engine. Check coolant level.

Service display

The engine oil life system lets you know when to change the engine oil and filter. Based on driving conditions, the interval at which an engine oil and filter change will be indicated can vary considerably.

The remaining oil life duration menu is displayed in the Driver Information Centre ⇨ 74.

Midlevel display

Select the **Vehicle Information Menu** page by pressing ▻ on the steering wheel.

Press △ or ▽ on the steering wheel to select **Remaining Oil Life**.

Uplevel display

Select **Info Menu** page by pressing ◅ on the steering wheel.

Press △ or ▽ to select **Oil Life**.

Remaining oil life duration is indicated in %.

Reset

For Midlevel display, press ✔ on the steering wheel for several seconds to reset engine oil life system.

For Uplevel display, press ▻ then ✔ to reset engine oil life system.

The ignition must be switched on but engine not running.

The system must be reset every time the engine oil is changed to allow proper functionality. Seek the assistance of a workshop.

Next service

When the system has calculated that engine oil life has been diminished, **Change Engine Oil Soon** appears in the Driver Information Centre. Have engine oil and filter changed by a workshop within one week or 500 km (whichever occurs first).

Service information ⇨ 177.

Control indicators

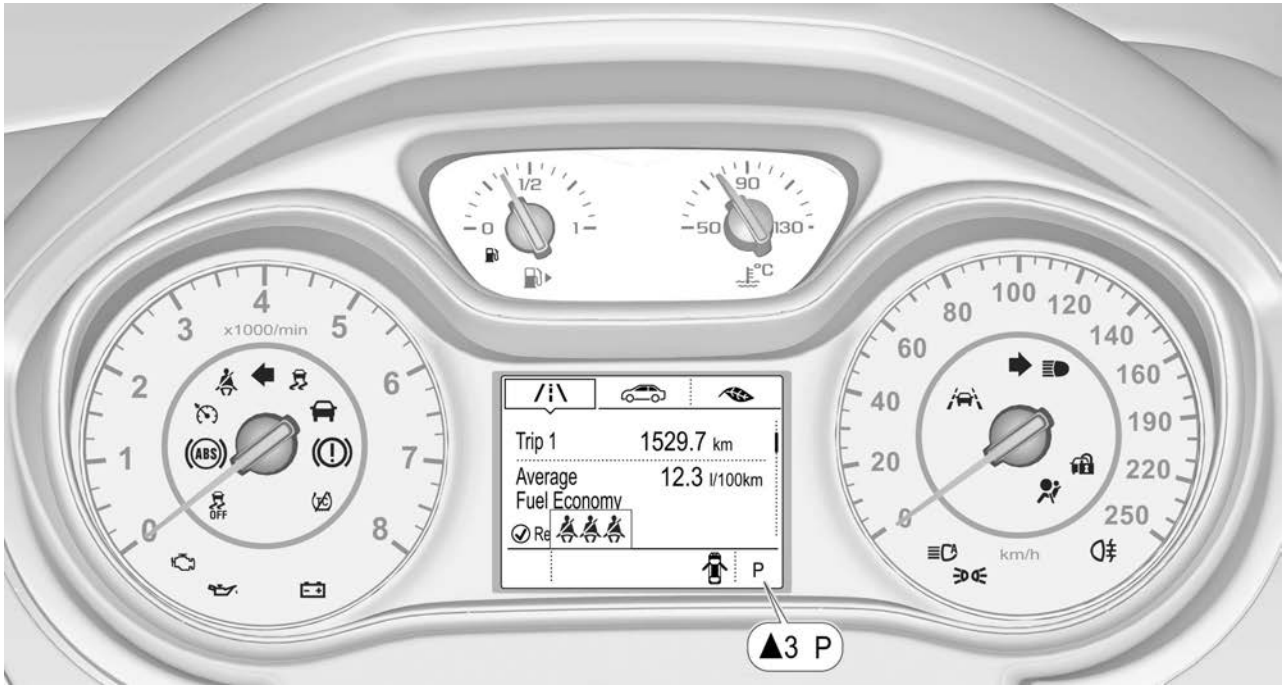
The control indicators described are not present in all vehicles. The description applies to all instrument versions. Depending on the equipment, the position of the control indicators may vary. When the ignition is switched on, most control indicators will illuminate briefly as a functionality test.

The control indicator colours mean:

red : danger, important reminder
yellow : warning, information, fault
green : confirmation of activation
blue : confirmation of activation
white : confirmation of activation

Control indicators in the instrument cluster

Illustrations shows all possible control indicators. Display may vary depending on vehicle equipment.


1/2
0
1
90
50
130
°C
x1000/min
0
1
2
3
4
5
6
7
8
ABS
OFF
20
40
60
80
100
120
140
160
190
220
250
km/h
Trip 1
1529.7 km
Average
Fuel Economy
12.3 l/100km
P
3 P

Control indicator in the roof console

Overview

- Turn signal ⇨ 69
- Seat belt reminder ⇨ 69
- Airbag and belt tensioners ⇨ 70
- Charging system ⇨ 70
- Malfunction indicator light ⇨ 71
- Brake system ⇨ 71
- Antilock brake system (ABS) ⇨ 71
- Gear shifting ⇨ 71
- Following distance ⇨ 119
- Lane keep assist ⇨ 71
- Electronic Stability Control off ⇨ 72
- Electronic Stability Control and Traction Control system ⇨ 72
- Traction Control system off ⇨ 72
- Engine oil pressure ⇨ 72
- Low fuel ⇨ 73
- Immobiliser ⇨ 73
- Exterior light ⇨ 73
- High beam ⇨ 73
- High beam assist ⇨ 73
- Rear fog light ⇨ 73
- Cruise control ⇨ 73
- Vehicle detected ahead ⇨ 73
- Door open ⇨ 73

Turn signal

⇦⇨ flashes green.

A turn signal or the hazard warning flashers are activated.

Rapid flashing: failure of a turn signal light or associated fuse.

Bulb replacement ⇨ 151, Fuses ⇨ 157.

Turn signals ⇨ 87.

Seat belt reminder

Seat belt reminder on front seats

for driver's seat is located in the instrument cluster and illuminates or flashes red.

PASSENGER BELT for front passenger seat is located in the roof console and illuminates or flashes red, when the seat is occupied.

Illuminates
After the ignition has been switched on until the seat belt has been fastened.

Flashes
After having started the engine for a maximum of 100 seconds until the seat belt has been fastened.

Seat belt status on rear seats (vehicles with Midlevel display)

illuminates or flashes white or grey in the Driver Information Centre, after having started the engine.

Illuminates white
Seat belt is unfastened.

Illuminates grey
Seat belt has been fastened.

Flashes white or grey
Fastened seat belt has been unfastened.

Fastening the seat belt ⇨ 44.

Seat belt status on rear seats (vehicles with Uplevel display)

illuminates green or grey or flashes yellow in the Driver Information Centre, after having started the engine.

Illuminates grey
Seat belt is unfastened.

Illuminates green
Seat belt has been fastened.

Flashes yellow
Fastened seat belt has been unfastened.

Fastening the seat belt ⇨ 44.

Airbag and belt tensioners

illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. 4 seconds. If it does not illuminate, does not go out after 4 seconds or illuminates whilst driving, there is a fault in the airbag system. Seek the assistance of a workshop. The airbags and belt pretensioners may fail to trigger in the event of an accident.

Deployment of the belt pretensioners or airbags is indicated by continuous illumination of .

⚠Warning

Have the cause of the fault remedied immediately by a workshop.

Belt pretensioners, airbag system ⇨ 43, ⇨ 46.

Charging system

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Stop, switch off engine. Vehicle battery is not charging. Engine cooling may be interrupted. The brake servo unit may cease to be effective. Seek the assistance of a workshop.

Malfunction indicator light

illuminates or flashes yellow.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Fault in the emission control system. The permitted emission limits may be exceeded. Seek the assistance of a workshop immediately.

Flashes when the engine is running

Fault that could lead to catalytic converter damage. Ease up on the accelerator until the flashing stops. Seek the assistance of a workshop immediately.

Brake system

Brake fluid level

illuminates red.

The brake fluid level is too low ⇨ 149.

⚠Warning
Stop. Do not continue your journey. Consult a workshop.

Parking brake

illuminates after the ignition is switched on if the parking brake is applied ⇨ 112.

Antilock brake system (ABS)

(ABS) illuminates yellow.

Illuminates for a few seconds after the ignition is switched on. The system is ready for operation when the control indicator extinguishes.

If the control indicator does not go out after a few seconds, or if it illuminates while driving, there is a fault in the ABS. The brake system remains operational but without ABS regulation.

Antilock brake system ⇨ 112.

Gear shifting

▲ or ▼ with the number of a higher or lower gear is indicated, when upshifting or downshifting is recommended for fuel saving reasons.

Lane keep assist

illuminates green or yellow, or flashes yellow.

Illuminates green

The system is switched on and ready to operate.

Illuminates yellow

The system approaches a detected lane marking without using the turn signal in that direction.

Flashes yellow

The system recognizes that the lane is departed significantly.

Lane keep assist ⇨ 131

Electronic Stability Control off

illuminates yellow.

The system is deactivated.

Electronic Stability Control and Traction Control system

illuminates or flashes yellow.

Illuminates

A fault in the system is present. Continued driving is possible. Driving stability, however, may deteriorate depending on road surface conditions.

Have the cause of the fault remedied by a workshop.

Flashes

The system is actively engaged. Engine output may be reduced and the vehicle may be braked automatically to a small degree.

Electronic Stability Control ⇨ 114, Traction Control system ⇨ 113.

Traction Control system off

illuminates yellow.

The system is deactivated.

Engine oil pressure

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Caution

Engine lubrication may be interrupted. This may result in damage to the engine and/or locking of the drive wheels.

1. Set selector lever to **N**.
2. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
3. Switch off ignition.

⚠Warning

When the engine is off, more force is needed to brake and steer.

Do not remove key until vehicle has come to a complete stop, otherwise the steering wheel lock could engage unexpectedly.

Check oil level before seeking the assistance of a workshop ⇨ 147.

Low fuel

illuminates or flashes yellow.

Illuminates

Level in fuel tank is too low.

Flashes

Fuel used up. Refuel immediately. Never run the tank dry.

Catalytic converter ⇨ 107.

Immobiliser

flashes yellow.

Fault in the immobiliser system. The engine cannot be started.

Exterior light

illuminates green.

The exterior lights are on ⇨ 85.

High beam

illuminates blue.

Illuminates when high beam is on or during headlight flash ⇨ 86.

High beam assist

illuminates green.

The high beam assist is activated ⇨ 86.

Rear fog light

illuminates yellow.

The rear fog light is on ⇨ 88.

Cruise control

illuminates white or green.

Illuminates white

The system is on.

Illuminates green

Cruise control is active.

Cruise control ⇨ 115.

Vehicle detected ahead

illuminates green or yellow.

Illuminates green

A vehicle ahead is detected in the same lane.

Illuminates yellow

The distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly.

Forward collision alert ⇨ 117.

Door open

illuminates.

A door or the boot lid is open.

Information displays

Driver Information Centre

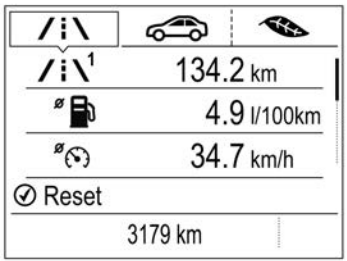
The Driver Information Centre is located in the instrument cluster.

Depending on the version and the instrument cluster, the Driver Information Centre is available as Midlevel display or Uplevel display.

Driver Information Centre indicates depending on the equipment:

- overall and trip odometer
- vehicle information
- trip/fuel information
- driving economy information
- vehicle and warning messages
- audio and infotainment information
- phone information
- navigation information
- vehicle settings

Midlevel display



The menu pages of the Midlevel display are selected by pressing ◁ or ▷ on the right side of the steering wheel. Main menu symbols are indicated in the top line of the display:

- Trip/fuel information, displayed by /i\, see description below.
- Vehicle information, displayed by , see description below.
- Eco information, displayed by , see description below.

Some of the displayed functions differ when the vehicle is being driven or at a standstill and some functions are only active when the vehicle is being driven.

Selecting menus and functions

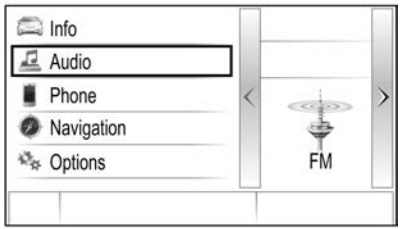
The menus and functions can be selected via the buttons on the right side of the steering wheel.

Once a main menu page is selected, press △ or ▽ to select submenus.

Press ✔ to select and confirm a function.

Vehicle and service messages are popped up in the Driver Information Centre if required. Confirm messages by pressing ✔. Vehicle messages ⇨ 81.

Uplevel display



Menu pages are indicated by pressing ◅ on the steering wheel. Press ▵ or ▿ to select a menu, press ✔ to confirm. Selectable menu pages are:

- Trip/fuel information, displayed by **Info**, see description below.
- Audio information, displayed by **Audio**, see description below.
- Phone information, displayed by **Phone**, see description below.
- Navigation information, displayed by **Navigation**, see description below.
- Vehicle information, displayed by **Options**, see description below.

Some of the displayed functions differ when the vehicle is being driven or at a standstill and some functions are only active when the vehicle is being driven.

Selecting menus and functions

The menus and functions can be selected via the buttons on the right side in the steering wheel.

Press ◅ to open main menu page.

Select a main menu page via ▵ or ▿.

Confirm a main menu page via ✔.

Once a main menu page is selected, press ▵ or ▿ to select subpages.

Press ▻ to open a next folder of the selected subpage.

Press ▵ or ▿ to select functions or to set a numeric value, if required.

Press ✔ to select and confirm a function.

Once a main menu page is selected, this selection remains stored until another main menu page is selected. Subpages are changed by pressing ▵ or ▿.

Vehicle and service messages are popped-up in the Driver Information Centre if required. Confirm messages by pressing ✔. Vehicle messages ⇨ 81.

Trip/fuel information menu, /¡\ or Info

The following list contains all possible Info Menu pages. Some may not be available for your particular vehicle. Depending on the display some functions are symbolised.

On Uplevel display, the pages displayed can be turned on/off using the **Options** menu (see below).

Press ▵ or ▿ to select a page:

- Trip odometer 1/2 or A/B
- Average fuel consumption
- Average speed
- Digital speed
- Fuel range
- Instantaneous fuel consumption
- Remaining oil life
- Following distance
- Timer
- Battery voltage
- Speed warning
- Fuel economy
- Economy trend
- Eco index

On Midlevel display the pages Remaining Oil Life, Battery voltage and Speed warning are displayed in the Vehicle information menu, select . The pages Fuel economy, Economy Trend and Eco index are displayed in the ECO Information Menu, select .

Trip odometer 1/2 or A/B

Trip odometer displays the current distance since a certain reset.

Trip odometer counts up to a distance of 9,999 km then restarts at 0.

To reset on Midlevel display, press ✔ for a few seconds.

To reset on Uplevel display, press ▻ and confirm with ✔.

The information of trip odometer page 1/A and 2/B can be reset separately while the respective display is active.

Average Fuel Consumption

Display of average consumption. The measurement can be reset at any time and starts with a default value.

To reset on Midlevel display, press ✔ for a few seconds, on Uplevel display, press ▻ and confirm with ✔.

Average speed

Display of average speed. The measurement can be reset at any time.

To reset on Midlevel display, press ✔ for a few seconds, on Uplevel display, press ▻ and confirm with ✔.

Digital speed

Digital display of the instantaneous speed.

Fuel range

Range is calculated from current fuel level and current consumption. The display shows average values.

After refuelling, the range is updated automatically after a brief delay.

When the level in the fuel tank is low, a message appears on the display and the control indicator ⛽ in the fuel gauge illuminates.

When the fuel tank has to be refuelled immediately, a warning message appears and remains on the display. Additionally, the control indicator ⛽ in the fuel gauge flashes ⇨ 73.

Instantaneous Fuel Consumption

Display of the instantaneous consumption.

Remaining Oil Life

Indicates an estimate of the oil's useful life. The number in percentage means the remainder of current oil life ⇨ 66.

Following Distance

Displays the distance in seconds to a preceding moving vehicle ⇨ 119.

Timer

To start and stop, press ✔. To reset, press ▻ and confirm reset.

Eco information menu,

Turn the adjuster wheel to select a page and follow the instructions given in the submenus:

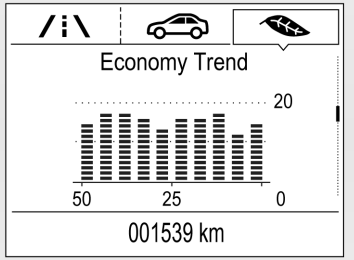
- Fuel economy
- Economy trend
- Eco index

On Uplevel display the pages Top Consumers, Economy Trend and Eco index, are displayed in the Trip/fuel information menu, select **Info**.

Fuel economy

Displays the fuel economy of the previous distance travelled.

Economy Trend



Displays the average consumption development over a distance of 50 km. Filled segments display the consumption in 5 km steps and shows the effect of topography or driving behaviour on fuel consumption.

Eco index

The current fuel consumption is indicated on an economic scale. For economical driving, adapt driving style to keep the filled segments within the Eco area. The more segments are filled, the higher the fuel consumption.

Simultaneously the average consumption value is indicated.

Audio Menu

Audio menu enables browsing for music, selecting from favourites or changing the audio source.

For further information see the Infotainment manual.

Phone Menu

Phone menu enables managing and performing of phone calls, scrolling through contacts or operating handsfree phoning.

For further information see the Infotainment manual.

Navigation Menu

Navigation menu enables route guidance.

For further information see the Infotainment manual.

Vehicle information menu, or Options

The following list contains all possible Options Menu pages. Some may not be available for your particular vehicle. Depending on the display some functions are symbolised.

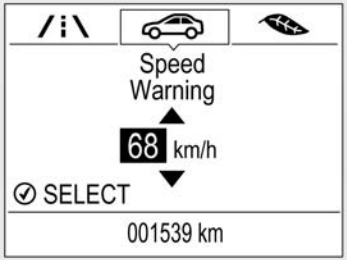
Press ▵ or ▿ to select a page and follow the instructions given in the submenus:

- Info pages
- Speed warning

Info pages

Press ▻ while Info pages is displayed. A list of all items in the Info Menu is displayed. Select the functions to be displayed in the Info page by pressing ✔. Selected pages have a ✔ in a checkbox. Non viewable functions have a blank checkbox. See **Info Menu** above.

Speed warning



The speed warning function alarms when a set speed is exceeded.

To set the speed warning, press ✔ or ▻ while the page is displayed. Press ▵ or ▿ to select and adjust the value. Press ✔ to set the speed. Once the speed is set, this feature can be turned off by pressing ✔ while viewing this page. If the selected speed limit is exceeded, a pop-up warning is displayed with a chime.

Valet mode

Some functions of the Driver Information Centre and the Info-Display can be limited for some drivers.

Activation or deactivation of valet mode can be set in the menu **Settings** in the vehicle personalisation menu.

Vehicle personalisation ⇨ 82.

For further information see the Infotainment manual.

Info display

The Info-Display is located in the Infotainment system display.

Depending on the vehicle configuration the vehicle has a

- **7" Colour-Info-Display** with touch-screen functionality

  or

- **8" Colour-Info-Display** with touch-screen functionality

The Info displays can indicate:

- time ⇨ 62
- outside temperature ⇨ 61
- date ⇨ 62
- Infotainment system, see Infotainment manual.
- indication of rear view camera ⇨ 129
- indication of parking assist instructions ⇨ 120
- navigation, see Infotainment manual
- system messages
- settings for vehicle personalisation ⇨ 82

7" Colour-Info-Display

Selecting menus and settings

Menus and settings are accessed via the display.

Press ⏻ to switch on the display.

Press ⌂ to display the homepage.

Tap required menu display icon with the finger.

Tap a respective icon to confirm a selection.

Tap ⮌ to return to the next higher menu level.

Press ⌂ to return to the homepage.

For further information see the Infotainment manual.

Vehicle personalisation ⇨ 82.

8" Colour-Info-Display

Selecting menus and settings

There are three options to operate the display:

- via buttons below the display
- directly per touchscreen operation by the finger
- via speech recognition

Button operation

Press ⏻ to switch on the display.

Press ⌂ to display the homepage.

Turn **MENU** to select a menu display icon or a function or to scroll a submenu list.

Press **MENU** to confirm a selection.

Press **BACK** to exit a menu without changing a setting.

Press ⌂ to return to the homepage.

For further information see the Infotainment manual.

Touchscreen operation

Display must be switched on by pressing ⏻. Press ⌂ to select homepage.

Tap required menu display icon or a function with the finger.

Scroll a longer submenu list with the finger up or down.

Confirm a required function or selection by tapping.

Tap ⮌ on the display to exit a menu without changing a setting.

Press ⌂ to return to the homepage.

For further information see the Infotainment manual.

Speech recognition

For further information see the Infotainment manual.

Vehicle personalisation ⇨ 82.

Valet mode

Some functions of the Driver Information Centre and the Info-Display can be limited for some drivers.

Activation or deactivation of valet mode can be set in the menu **Settings** in the vehicle personalisation menu.

Vehicle personalisation ⇨ 82.

For further information see the Infotainment manual.

Vehicle messages

Messages are indicated in the Driver Information Centre, in some cases together with a warning and signal chime.

Press ✔ on the steering wheel to confirm a message.

Vehicle and service messages

The vehicle messages are displayed as text. Follow the instructions given in the messages.

Messages in the Info-Display

Some important messages may appear additionally in the Info-Display. Some messages only pop-up for a few seconds and others may require an action.

Warning chimes

When starting the engine or whilst driving

Only one warning chime will sound at a time.

The warning chime regarding not fastened seat belts has priority over any other warning chime.

- If seat belt is not fastened.
- If a door or the boot lid is not fully closed when starting off.
- If a certain speed is exceeded with parking brake applied.
- If approaching a vehicle ahead too closely.
- If a programmed speed or speed limit is exceeded.
- If a warning message appears in the Driver Information Centre.
- If the electronic key is not in the passenger compartment.
- If the parking assist detects an object.
- If an unintended lane change occurs.

When the vehicle is parked and/or the driver's door is opened

- When the key is in the ignition switch.
- With exterior lights on.

Battery voltage

When the vehicle battery voltage is running low, a warning message will appear in the Driver Information Centre.

1. Switch off any electrical consumers which are not required for a safe drive, e.g. heated rear window or other main consumers.
2. Charge the vehicle battery by driving continuously for a while or by using a charging device.

The warning message will disappear after the engine has been started twice without a voltage drop.

If the vehicle battery cannot be recharged, have the cause of the fault remedied by a workshop.

Vehicle personalisation

The vehicle's behaviour can be personalised by changing the settings in the Info-Display.

Some of the personal settings for different drivers can be memorised individually for each vehicle key.

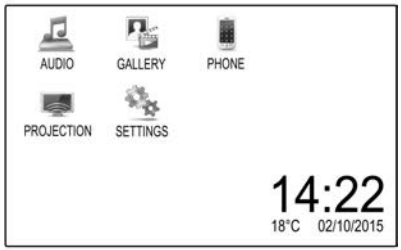
Depending on vehicle equipment and country-specific regulations some of the functions described below may not be available.

Some functions are only displayed or active when the engine is running.

Personal settings

7" Colour-Info-Display

Press ⌂, select **Settings** and then **Vehicle** on the touch-screen.



In the corresponding submenus the following settings can be changed:

Vehicle

- **Collision / Detection Systems**

  Park Assist: Activates or deactivates the ultrasonic parking assist.

- **Comfort and Convenience**

  Chime Volume: Changes the volume of warning chimes.

  Personalization By Driver: Activates or deactivates the personalisation function.

- **Lighting**

  Vehicle Locator Lights: Activates or deactivates the entry lighting.

  Exit Lighting: Activates or deactivates and changes the duration of exit lighting.

- **Power Door Locks**

  Unlocked Door Anti Lock Out: Activates or deactivates the door locking function while a door is open.

  Auto Door Lock: Activates or deactivates the automatic door locking function after switching on ignition.

- **Remote Lock, Unlock, Start**

  Remote Unlock Light Feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.

  Remote Lock Feedback: Changes what kind of feedback is given when locking the vehicle.

  Remote Door Unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.

  Relock Remotely Unlocked Doors: Activates or deactivates the automatic relock function after unlocking without opening the vehicle.

Personal settings

8" Colour-Info-Display

Press ⌂ then select the **SETTINGS** icon.

In the corresponding submenus the following settings can be changed:

Vehicle

- **Climate and Air Quality**

  Auto Fan Speed: Modifies the level of the cabin airflow of the climate control in automatic mode.

- **Collision / Detection Systems**

  Park Assist: Activates or deactivates the ultrasonic parking assist. Activation is selectable with or without attached trailer coupling.

  Side Blind Zone Alert: Activates or deactivates side blind zone alert.

- **Comfort and Convenience**

  Chime Volume: Changes the volume of warning chimes.

  Personalization By Driver: Activates or deactivates the personalisation function.

  Rainsense Wipers: Activates or deactivates automatic wiping with rain sensor.

- **Lighting**

  Vehicle Locator Lights: Activates or deactivates the entry lighting.

Exit Lighting: Activates or deactivates and changes the duration of exit lighting.

- **Power Door Locks**

  Unlocked Door Anti-Lockout: Activates or deactivates the door locking function while a door is open.

  Auto Door Lock: Activates or deactivates the automatic door locking function after switching on ignition.

- **Remote Lock, Unlock, Start**

  Remote Unlock Light Feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.

  Remote Lock Feedback: Changes what kind of feedback is given when locking the vehicle.

  Remote Door Unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.

  Relock Remote Unlocked Doors: Activates or deactivates the automatic relock function after unlocking without opening the vehicle.

  Passive Door Unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.

  Passive Door Lock: Activates or deactivates the passive locking function. This feature locks the vehicle automatically after several seconds if all doors have been closed and an electronic key has been removed from the vehicle.

  Remote Left in Vehicle Alert: Activates or deactivates the warning chime when the electronic key remains in the vehicle.

Lighting

Exterior lighting **85**
Light switch 85
Automatic light control 85
High beam 86
High beam assist 86
Headlight flash 87
Daytime running lights 87
Hazard warning flashers 87
Turn and lane-change signals ... 87
Rear fog light 88
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Interior lighting **88**
Instrument panel illumination control 88
Interior lights 89
Reading lights 89
Sunvisor lights 89
Lighting features **90**
Centre console lighting 90
Entry lighting 90
Exit lighting 90
Battery discharge protection 90

Exterior lighting

Light switch

Turn light switch:

AUTO : automatic light control: low beam is switched on and off automatically depending on external lighting conditions.
: sidelights
: headlights

The current status of the automatic light control is displayed in the Driver Information Centre.

When switching on the ignition, automatic light control is active.

When headlights are on, illuminates. Control indicator ⇨ 73.

Tail lights

Tail lights are illuminated together with headlights and sidelights.

Automatic light control

When the automatic light control function is switched on and the engine is running, the system switches between daytime running light and headlights automatically depending on the lighting conditions.

Daytime running light ⇨ 87.

Automatic headlight activation

During poor lighting conditions the headlights are switched on.

High beam

To switch from low to high beam, push lever.

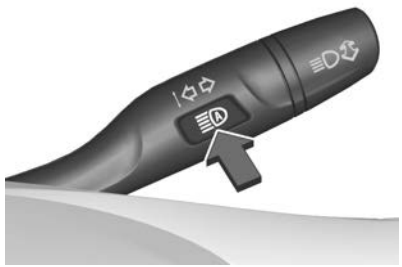
To switch to low beam, push lever again or pull.

High beam assist

This feature allows the high beam to function as main driving light at night.

The camera in the windscreen detects the lights of oncoming or preceding vehicles. Once activated, high beam assist remains active and switches high beam on and off depending on surrounding conditions. Depending on country, the latest setting of the high beam assist will remain after the ignition is switched on again.

Activation



Activate high beam assist by pushing ≣D once. High beam is switched on automatically at a speed above 50 km/h. High beam is switched off at a speed below 35 km/h, but high beam assist remains active.

The green control indicator ≣D illuminates continuously when the high beam assist is activated, the blue one ≣D illuminates when high beam is on.

Control indicator ≣D ⇨ 73, ≣D ⇨ 73.

Pushing indicator lever once switches on manual high beam without high beam assist.

High beam assist switches automatically to low beam when:

- Driving in urban areas.
- Reverse parking function is active.
- Front or rear fog lights are switched on.

If there are no restrictions detected, the system switches back to high beam.

Deactivation

If high beam assist is active and high beam is on, push ≡D once or pull indicator lever once to deactivate high beam assist.

If high beam assist is active and high beam is off, push ≡D once to deactivate high beam assist.

Pushing the indicator lever to activate manual high beam will also deactivate high beam assist.

Headlight flash in conjunction with high beam assist

Headlight flash by pulling indicator lever once will not deactivate high beam assist when high beam is off.

Headlight flash by pulling indicator lever once deactivates high beam assist when high beam is on.

Headlight flash

To activate the headlight flash, pull lever.

Daytime running lights

Daytime running lights increase visibility of the vehicle during daylight.

They are switched on automatically when ignition is on.

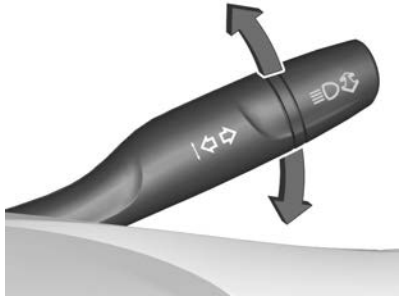
If the vehicle is equipped with automatic light control function, the system switches between daytime running light and headlight automatically depending on the lighting conditions. Automatic light control ⇨ 85.

Hazard warning flashers

Operated with the ⚠ button.

In the event of an accident with airbag deployment the hazard warning flashers are activated automatically.

Turn and lane-change signals



lever up : left turn signal
lever down : right turn signal

If the lever is moved past the resistance point, the turn signal is switched on constantly. When the steering wheel moves back, the turn signal is automatically deactivated.

For three flashes, e.g. when changing lanes, press the lever until resistance is felt and then release.

Move the lever to the resistance point and hold for longer indication.

Switch the turn signal off manually by moving the lever to its original position.

Rear fog light

Operated by pressing ⌀.

Light switch in position **AUTO**: switching on rear fog light will switch headlights on automatically.

The vehicle rear fog light may be deactivated when towing a trailer or a plug is connected with the socket, e.g. when a bicycle carrier is used.

Reversing lights

The reversing light comes on when the ignition is on and reverse gear is selected.

Misted light covers

The inside of the light housing may mist up briefly in poor, wet and cold weather conditions, in heavy rain or after washing. The mist disappears quickly by itself; to help switch on the headlights.

Interior lighting

Instrument panel illumination control

Brightness of the following lights can be adjusted when the exterior lights are on:

- Instrument panel illumination
- Info-Display
- Illuminated switches and operation elements.

Turn thumb wheel ⌀ and hold until the desired brightness is obtained.

On vehicles with light sensor, the brightness can only be adjusted when the exterior lights are on and the light sensor detects night conditions.

Interior lights

During entry and exit of the vehicle, the front and rear courtesy lights automatically switch on and then off after a delay.

Note
In the event of an accident with airbag deployment the courtesy lights are turned on automatically.

Front courtesy light

Operate rocker switch:

: automatic switching on and off.
press : on.
press : off.

Rear courtesy lights

Illuminate in conjunction with the front courtesy light depending on rocker switch position.

Reading lights

Operated with and buttons in front and rear courtesy lights.

Sunvisor lights

Illuminates when the cover is opened.

Lighting features

Centre console lighting

Spotlight incorporated in the interior lighting comes on when headlights are switched on.

Entry lighting

Welcome lighting

The following lights are switched on for a short time by unlocking the vehicle with the radio remote control:

- headlights
- tail lights
- number plate lights
- instrument panel light
- interior lights

Some functions are only operable when it is dark outside to facilitate locating the vehicle.

The lighting switches off immediately when the ignition is switched on. Starting off ⇨ 15.

Exit lighting

The following lights will switch on if the ignition is switched off:

- Interior lights
- Instrument panel light (only when it is dark)

They will switch off automatically after a delay and will be activated again if the driver's door is opened.

Path lighting

Headlights, tail lights and number plate lights illuminate the surrounding area for an adjustable time after leaving the vehicle.

Activating

1. Switch off the ignition.
2. Remove the ignition key.
3. Open the driver's door.
4. Close the driver's door.

If the driver's door is not closed, the path lights switch off after two minutes.

Activation, deactivation and the duration of the path lighting function can be changed in the Vehicle Settings menu (Exit Lighting) in **Settings**, ➧ **Vehicle** in the Info-Display. Info-Display ⇨ 79.

Vehicle personalisation ⇨ 82.

The settings can be saved for the key being used ⇨ 23.

Battery discharge protection

Vehicle battery state of charge function

The function guarantees longest vehicle battery life via a generator with controllable power output and optimised power distribution.

To prevent discharge of the vehicle battery when driving, the following systems are reduced automatically in two stages and finally switched off:

- Auxiliary heater
- Heated rear window and mirrors
- Heated seats
- Fan

In the second stage a message which confirms the activation of the vehicle battery discharge protection will be displayed in the Driver Information Centre.

Switching off electric lights

To prevent discharge of the vehicle battery when the ignition is switched off, some interior lights are switched off automatically after some time.

Climate control

Climate control systems **92**
Air conditioning system 92
Electronic climate control system 94
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Climate control systems

Air conditioning system

⚠Danger

Do not sleep in a vehicle with the air conditioning or heating system on. It may cause serious harm or death due to a drop in the oxygen level and/or body temperature.

Controller and buttons for the following functions:

- **Temperature TEMP**
- **Air distribution modes**
- **Fan speed**
- **Cooling A/C**
- **Air recirculation**
- **Demisting and defrosting**

Heated rear window ⇨ 37,

Temperature TEMP

red : warm
blue : cold

Heating will not be fully effective until the engine has reached normal operating temperature.

Air distribution modes

: to windscreen, front door windows and foot well
: to head area via adjustable air vents
: to foot well
: to foot well and head area

Demisting and defrosting the windows

Air is directed to the windscreen and side air vents. For best results, clear all snow and ice from the windscreen before defrosting.

- Press button : fan is activated, the air distribution is directed towards the windscreen and the side air vents.
- Press button **A/C** to switch on dehumidification (drying) of the air.
- Set fan control to a high level.
- Set temperature control to warmest level.
- Switch on heated rear window .
- Open side air vents as required and direct them towards the door windows.

Fan speed

Adjust the air flow by switching the fan to the desired speed.

The position of the LED in the outer ring of the left rotary knob indicates the current fan speed.

Cooling A/C

Press button **A/C** to switch on cooling. Activation is indicated by the LED in the button. Cooling is only functional when the engine is running and climate control fan is switched on.

Press button **A/C** again to switch off cooling.

The air conditioning system cools and dehumidifies (dries) as soon as the outside temperature is slightly above the freezing point. Therefore condensation may form and drip from under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons.

Air recirculation mode

Press button to activate air recirculation mode. Activation is indicated by the LED in the button.

Press button again to deactivate recirculation mode.

⚠Warning

Driving with recirculation mode for prolonged period of time can make you sleepy. Periodically turn to the outside air mode for fresh air.

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling the air humidity increases, so the windows may mist up. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

In warm and very humid ambient air conditions, the windscreen might mist up from outside, when cold air is directed to it. If windscreen mists up from outside, activate windscreen wiper and deactivate and .

Maximum cooling

Briefly open the windows to allow hot air to disperse quickly.

- Press button **A/C** to switch on cooling.
- Switch on air circulation system by pressing button .
- Press air distribution button .
- Set temperature control to coldest level.
- Set fan speed to highest level.
- Open all vents.

Electronic climate control system

⚠Danger

Do not sleep in a vehicle with the air conditioning or heating system on. It may cause serious harm or death due to a drop in the oxygen level and/or body temperature.

In Automatic mode temperature, fan speed and air distribution are regulated automatically.

Controller and buttons for the following functions:

- **Automatic mode AUTO**
- **Temperature**
- **Demisting and defrosting**
- **Fan speed**
- **Air distribution modes**
- **Cooling A/C**
- **Air recirculation**
- **System ON/OFF**

Heated rear window ⇨ 37.

Indication

The preselected temperature is indicated in the right rotary knob.

Each change of settings is shown in the Info-Display for a few seconds.

The electronic climate control system is only fully operational when the engine is running.

Automatic mode AUTO

Basic setting for maximum comfort:

- Press button **AUTO**, the air distribution and fan speed are regulated automatically. Activation is indicated by the LED in the button.
- Press **A/C** to switch on optimal cooling and demisting. Activation is indicated by the LED in the right rotary knob.

- Set temperature by turning the right rotary knob. Suggested comfort setting is 22 °C.
- Open all air vents to allow optimised air distribution in automatic mode.

The fan speed regulation in automatic mode can be changed in the menu **Settings**.

Vehicle personalisation ⇨ 82.

Temperature preselection

Set temperature to the desired value.

If the minimum temperature **Lo** is set, the climate control system runs at maximum cooling, if cooling **A/C** is switched on.

If the maximum temperature **Hi** is set, the climate control system runs at maximum heating.

Manual settings

Climate control system settings can be changed by activating the buttons and rotary knobs as follows. Changing a setting will deactivate the automatic mode.

Fan speed

Set the desired fan speed using the left rotary knob. The fan speed is indicated by the number of illuminated segments in the left rotary knob.

To return to automatic mode: Press **AUTO** button.

Air distribution modes

Press appropriate button for desired adjustment. Activation is indicated by the LED in the button.

: to windscreen, front door windows and foot well
: to head area via adjustable air vents
: to foot well
: to foot well and head area

Return to automatic air distribution: press button **AUTO**.

Demisting and defrosting the windows

Air is directed to the windscreen and side air vents. For best results, clear all snow and ice from the windscreen before defrosting.

- Press button . Activation is indicated by the LED in the button.
- Press **A/C** to switch on dehumidification (drying) of the air. Activation is indicated by the LED in the right rotary knob.
- Temperature and air distribution are set automatically and the fan is activated.
- Set fan control to a high level.
- Switch on heated rear window .
- To return to previous mode: press button , to return to automatic mode: press button **AUTO**.

Setting of automatic rear window heating can be changed in the menu **Settings** in the Info-Display. Vehicle personalisation ⇨ 82.

Cooling A/C

Press **A/C** to switch on cooling. Activation is indicated by the LED in the right rotary knob. Cooling is only functional when the engine is running and climate control fan is switched on.

Press **A/C** again to switch off cooling.

The air conditioning system cools and dehumidifies (dries) when outside temperature is above a specific level. Therefore condensation may form and drip from under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons.

The Info-Display will indicate **A/C ON** when cooling is activated or **A/C OFF** when the cooling is deactivated.

System ON/OFF ⏻

Cooling, fan and automatic mode can be switched off by pressing ⏻. When the system is deactivated, the LED in the left rotary knob is off.

Activation by pressing ⏻, **A/C**, or **AUTO**. Activation is indicated by the LED in the left rotary knob.

Air recirculation mode

Press button to activate the air recirculation mode. Activation is indicated by the LED in the button.

Press button again to deactivate recirculation mode.

⚠Warning

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling the air humidity increases, so the windows may mist up. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

In warm and very humid ambient air conditions, the windscreen might mist up from outside, when cold air is directed to it. If windscreen mists up from outside, activate windscreen wiper and deactivate .

Automatic air recirculation

The air is automatically recirculated as needed to help quickly cool the inside of the vehicle. A display message is shown in the Driver Information Centre.

Remote start climate control operation

The climate control system may run when the engine is started remotely. The system uses the driver's previous settings to heat or cool the inside of the vehicle. The rear window heating may turn on during remote start based on cold weather conditions. The heated rear window indicator LED will not illuminate during a remote start. Remote engine start ⇨ 18.

Basic settings

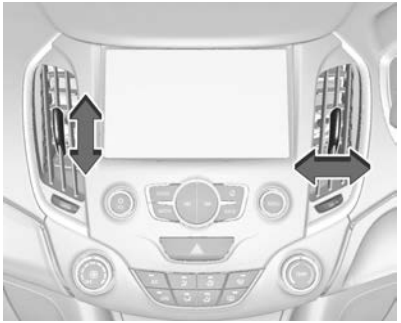
Some settings can be changed in the menu **Settings** in the Info-Display. Vehicle personalisation ⇨ 82.

Air vents

Adjustable air vents

At least one air vent must be open while the cooling is on.

To open the centre air vents, turn the adjuster wheel to the right. To open the side air vents, turn the adjuster wheel upwards. Adjust the air amount at the vent outlet by turning the adjuster wheel.



Direct the flow of air by tilting and swivelling the slats.

To close the centre air vents, turn the adjuster wheel to the left. To close the side air vents, turn the adjuster wheel downwards.

⚠Warning

Do not attach any objects to the slats of the air vents. Risk of damage and injury in case of an accident.

Fixed air vents

Additional air vents are located beneath the windscreen and door windows and in the foot wells.

Maintenance

Air intake

The air intake in front of the windscreen in the engine compartment must be kept clear to allow air intake. Remove any leaves, dirt or snow.

Pollen filter

The pollen filter cleans dust, soot, pollen and spores from the air entering the vehicle through the air intake.

Air conditioning regular operation

In order to ensure continuously efficient performance, cooling must be operated for a few minutes once a month, irrespective of the weather and time of year. Operation with cooling is not possible when the outside temperature is too low.

Note
Refrigerant R-134a contains fluorinated greenhouse gases.

Driving and operating

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Driving hints

Control of the vehicle

Never coast with engine not running

Many systems will not function in this situation (e.g. brake servo unit, power steering). Driving in this manner is a danger to yourself and others.

Idle boost

If charging of the battery is required due to battery condition, the power output of the generator has to be increased. This will be achieved by an idle boost which may be audible.

A message appears in the Driver Information Centre.

Pedals

To ensure the pedal travel is uninhibited, there must be no mats in the area of the pedals.

Use only floor mats, which fit properly and are fixed by the retainers on the driver side.

Steering

If power steering assist is lost because the engine stops or due to a system malfunction, the vehicle can be steered but may require increased effort.

Starting and operating

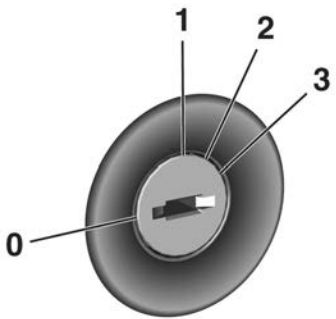
New vehicle running-in

Do not brake unnecessarily hard for the first few journeys.

During the first drive, smoke may occur because of wax and oil evaporating off the exhaust system. Park the vehicle in the open for a while after the first drive and avoid inhaling the fumes.

During the running-in period fuel and engine oil consumption may be higher.

Ignition switch positions



0 : ignition off: Some functions remain active until key is removed or driver's door is opened, provided the ignition was on previously

1 : accessory power mode: Steering wheel lock released, some electrical functions are operable, ignition is off

2 : ignition on power mode: Ignition is on. Control indicators illuminate and most electrical functions are operable

3 : engine start: Release key after starting procedure begins

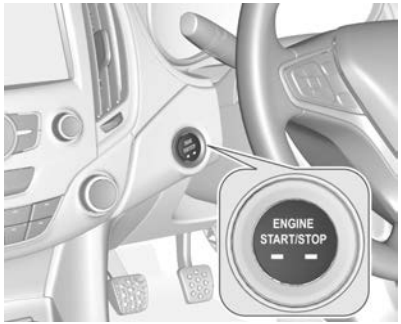
Steering wheel lock

Remove key from the ignition switch and turn steering wheel until it engages.

⚠ Danger

Never remove the key from ignition switch during driving as this will cause steering wheel lock.

Power button



Electronic key must be inside the vehicle.

Accessory power mode
Press **Engine Start/Stop** once without operating clutch or brake pedal. The yellow LED in the button illuminates. Steering wheel lock is released and some electrical functions are operable, ignition is off.

Ignition on power mode
Press and hold **Engine Start/Stop** for six seconds without operating clutch or brake pedal. The green LED in the button illuminates. Control indicators illuminate and most electrical functions are operable.

Engine start
Operate clutch pedal (manual transmission) or brake pedal (automatic transmission) and press **Engine Start/Stop** once more. Release button after starting procedure begins.

Ignition off
Press **Engine Start/Stop** briefly in each mode or when engine is running and vehicle is stationary. Some functions remain active until driver's door is opened, provided the ignition was on previously.

Emergency shut off during driving
Press **Engine Start/Stop** for longer than two seconds or press twice briefly within five seconds ⇨ 104.

Steering wheel lock

The steering wheel lock activates automatically when:

- The vehicle is stationary.
- The ignition has been switched off.
- The driver's door is opened.

To release steering wheel lock, open and close driver's door and switch on accessory mode or start the engine directly.

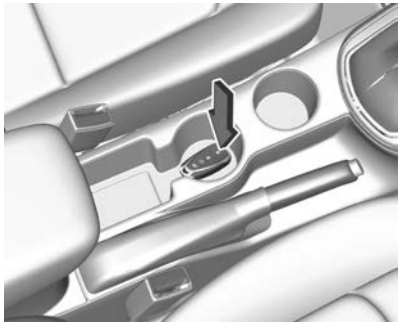
⚠ Warning

If the vehicle battery is discharged, the vehicle must not be towed, tow-started or jump-started as the steering wheel lock cannot be disengaged.

Operation on vehicles with electronic key system in case of failure

If either the electronic key fails or the battery of the electronic key is weak, the Driver Information Centre may

display **No Remote Detected** or **Replace Battery in Remote Key** when you try to start the vehicle.



Place the electronic key solely centered in the transmitter area in longitudinal direction flat with buttons upside as shown in the illustration. Other objects, e.g. other keys, transponder, tags, coins etc. must be removed from the centre console.

Depress the clutch pedal (manual transmission) or the brake pedal (automatic transmission) and press the **Engine Start/Stop** button.

To switch off the engine, press **Engine Start/Stop** again. Remove the electronic key from the centre console.

This option is intended for emergencies only. Replace the electronic key battery as soon as possible ⇨ 22.

For unlocking or locking the doors, see fault in radio remote control unit or electronic key system ⇨ 23.

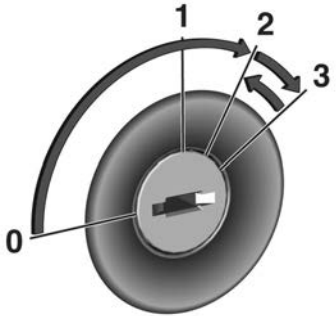
Retained power off

The following electronic systems can work until the driver's door is opened or for 10 minutes after the ignition is switched off:

- power windows
- sunroof
- power outlets

Starting the engine

Vehicles with ignition switch



Turn key to position **1** to release the steering wheel lock.

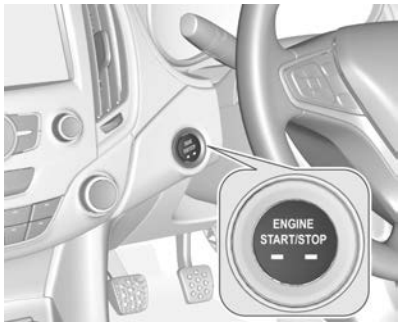
Manual transmission: operate clutch and brake pedal.

Automatic transmission: operate brake pedal and move selector lever to **P** or **N**.

Do not operate accelerator pedal.

Turn key briefly to position **3** and release: an automatic procedure operates the starter with a short delay until the engine is running, see Automatic Starter Control.

Vehicles with power button



Manual transmission: operate clutch and brake pedal.

Automatic transmission: operate brake pedal and move selector lever to **P** or **N**.

Do not operate accelerator pedal.

Press and release **Engine Start/Stop** button: an automatic procedure operates the starter with a short delay until the engine is running, see Automatic Starter Control.

Before restarting or to switch off the engine when vehicle is stationary, press **Engine Start/Stop** once more briefly.

Emergency shut off during driving

If the engine needs to be switched off during driving in case of emergency, press **Engine Start/Stop** for longer than two seconds or press twice briefly within five seconds.

⚠Danger

Switching off the vehicle engine during driving may cause loss of power support of brake and steering systems. Assistance systems and airbag systems are disabled. Lighting and brake lights will extinguish. Therefore power down the engine and ignition while driving only in case of vehicle emergency.

Starting the vehicle at low temperatures

Starting the engine without additional heaters is possible down to -30 °C. Required is an engine oil with the correct viscosity, the correct fuel, performed services and a sufficiently charged vehicle battery. With temperatures below -30 °C the automatic transmission requires a warming phase of approx. five minutes. The selector lever must be in position **P**.

Automatic Starter Control

This function controls the engine starting procedure. The driver does not have to hold the key in position **3** or to hold **Engine Start/Stop** button pressed. Once applied, the system will go on starting automatically until the engine is running. Because of the checking procedure, the engine starts running after a short delay.

Possible reasons for a non-starting engine:

- Clutch pedal not operated (manual transmission)
- Brake pedal not operated or selector lever not in **P** or **N** (automatic transmission)
- Timeout occurred

Turbo engine warm-up

Upon start-up, engine available torque may be limited for a short time, especially when the engine temperature is cold. The limitation is to allow the lubrication system to fully protect the engine.

Overrun cut-off

The fuel supply is automatically cut off during overrun, i.e. when the vehicle is driven with a gear engaged but accelerator is released.

Depending on driving conditions, the overrun cut-off may be deactivated.

Parking

⚠Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake firmly. Activate the parking brake without pressing the release button. Apply as firmly as possible on a downhill slope or uphill slope. Depress brake pedal at the same time to reduce operating force.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, set the selector lever to position **P** before removing the ignition key or switching off ignition on vehicles with power button. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, set the selector lever to position **P** before removing the ignition key or switching off ignition on vehicles with power button. Turn the front wheels towards the kerb.
- Close the windows and the sunroof.
- Remove the ignition key from the ignition switch or switch off ignition on vehicles with power button. Turn the steering wheel until the steering wheel lock is felt to engage.

  For vehicles with automatic transmission, the key can only be removed when the selector lever is in position **P**.

- Lock the vehicle.

  Activate the anti-theft alarm system ⇨ 31.
- The engine cooling fans may run after the engine has been switched off ⇨ 144.

Caution

After running at high engine speeds or with high engine loads, operate the engine briefly at a low load or run in neutral for approx. 30 seconds before switching off, in order to protect the turbocharger.

Note
In the event of an accident with airbag deployment, the engine is turned off automatically if the vehicle comes to a standstill within a certain time.

Engine exhaust

⚠ Danger

Engine exhaust gases contain poisonous carbon monoxide, which is colourless and odourless and could be fatal if inhaled.

If exhaust gases enter the interior of the vehicle, open the windows. Have the cause of the fault rectified by a workshop.

Avoid driving with an open load compartment, otherwise exhaust gases could enter the vehicle.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

Caution

Fuel grades other than those listed on pages ⇨ 133, ⇨ 183 could damage the catalytic converter or electronic components.

Unburnt petrol will overheat and damage the catalytic converter. Therefore avoid excessive use of the starter, running the fuel tank dry and starting the engine by pushing or towing.

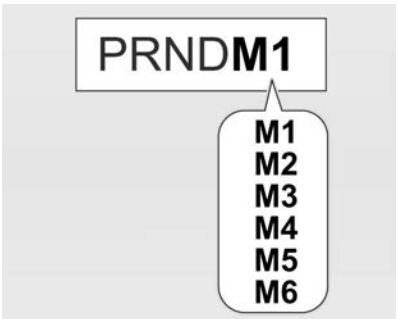
In the event of misfiring, uneven engine running, a reduction in engine performance or other unusual problems, have the cause of the fault rectified by a workshop as soon as possible. In an emergency, driving can be continued for a short period, keeping vehicle speed and engine speed low.

Automatic transmission

The automatic transmission permits automatic gearshifting (automatic mode) or manual gearshifting (manual mode).

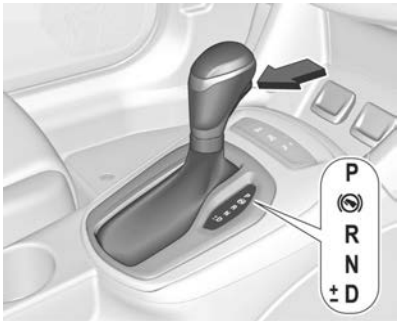
Manual shifting is possible in manual mode by tapping the selector lever in manual mode ⇨ 109.

Transmission display



The driving programme in automatic mode or the selected gear in manual mode is indicated in the Driver Information Centre.

Selector lever



P : park position, wheels are locked, engage only when the vehicle is stationary and the parking brake is applied

R : reverse gear, engage only when the vehicle is stationary

N : neutral

D : automatic mode with all gears

+ : manual mode upshifting: move selector lever from position **D** to the left and tap forwards

− : manual mode downshifting: move selector lever from position **D** to the left and tap backwards

The selector lever is locked in **P** and can only be moved when the ignition is on and the brake pedal is applied.

Without brake pedal applied, the control indicator illuminates.

If the selector lever is not in **P** when the ignition is switched off, the control indicators and **P** flash.

To engage **P** or **R**, press the release button.

The engine can only be started with the lever in position **P** or **N**. When position **N** is selected, press the brake pedal or apply the parking brake before starting.

Do not accelerate while engaging a gear. Never depress the accelerator pedal and brake pedal at the same time.

When a gear is engaged, the vehicle slowly begins to creep when the brake is released.

Engine braking

To utilise the engine braking effect, select a lower gear in good time when driving downhill, see manual mode.

Rocking the vehicle

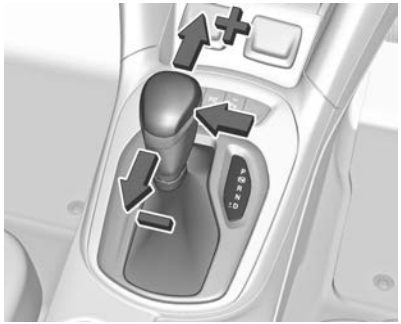
Rocking the vehicle is only permissible if the vehicle is stuck in sand, mud or snow. Move the selector lever between **D** and **R** in a repeat pattern. Do not race the engine and avoid sudden acceleration.

Parking

Apply the parking brake and engage **P**.

The ignition key can only be removed when the selector lever is in position **P**.

Manual mode



Move selector lever out of position **D** towards the left to select manual mode.

Tap selector lever

forwards **+** : shift to a higher gear

backwards **−** : shift to a lower gear.

The selected gear is indicated in the Driver Information Centre.

General

If a higher gear is selected when vehicle speed is too low, or a lower gear when vehicle speed is too high, the shift is not executed. This can cause a message in the Driver Information Centre.

In manual mode no automatic shifting to a higher gear takes place at high engine revolutions.

Electronic driving programmes

- Following a cold start, the operating temperature programme increases engine speed to quickly bring the catalytic converter to the required temperature.
- The automatic neutral shift function automatically shifts to idling when the vehicle is stopped with a forward gear engaged and the brake pedal is pressed.

- Special programmes automatically adapt the shifting points when driving up inclines or down hills.
- When starting off in snowy or icy conditions or on other slippery surfaces, the electronic transmission control selects a higher gear automatically.

Kickdown

If the accelerator pedal is pressed down completely in automatic mode, the transmission shifts to a lower gear depending on engine speed.

Overheat protection

In the event of transmission-overheating due to high outside temperatures or sporty driving style, the torque and the maximum speed of the engine can be temporarily reduced. A message appears in the Driver Information Display.

Fault

In the event of a fault a vehicle message is displayed in the Driver Information Centre. Vehicle messages ⇨ 81.

The transmission no longer shifts automatically. Continued travel is possible with manual shifting.

Only the highest gear is available. Depending on the fault, 2nd gear may also be available in manual mode. Shift only when vehicle is stationary.

Have the cause of the fault remedied by a workshop.

Interruption of power supply

In the event of an interruption of power supply, the selector lever cannot be moved out of the **P** position.

If the vehicle battery is discharged, start the vehicle using jump leads ⇨ 170.

If the vehicle battery is not the cause of the fault, release the selector lever.

1. Apply the parking brake.

2. Release the selector lever trim from the centre console at rear, fold upwards and rotate it to the left.

3. Insert a screwdriver into the opening as far as it will go and move the selector lever out of **P** or **N**. If **P** or **N** is engaged again, the selector lever will be locked in position again. Have the cause of the power supply interruption remedied by a workshop.
4. Mount the selector lever trim onto the centre console and refit.

Manual transmission

To engage reverse, with the vehicle stationary, depress clutch pedal, press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.

Do not slip the clutch unnecessarily.

When operating, depress the clutch pedal completely. Do not use the pedal as a foot rest.

Caution
It is not advisable to drive with the hand resting on the selector lever.

Brakes

The brake system comprises two independent brake circuits.

If a brake circuit fails, the vehicle can still be braked using the other brake circuit. However, braking effect is achieved only when the brake pedal is depressed firmly. Considerably more force is needed for this. The braking distance is extended. Seek the assistance of a workshop before continuing your journey.

When the engine is not running, the support of the brake servo unit disappears once the brake pedal has been depressed once or twice. Braking effect is not reduced, but braking requires significantly greater force. It is especially important to bear this in mind when being towed.

Control indicator ⓘ ⇨ 71.

Antilock brake system

Antilock brake system (ABS) prevents the wheels from locking.

ABS starts to regulate brake pressure as soon as a wheel shows a tendency to lock. The vehicle remains steerable, even during hard braking.

ABS control is made apparent through a pulse in the brake pedal and the noise of the regulation process.

For optimum braking, keep the brake pedal fully depressed throughout the braking process, despite the fact that the pedal is pulsating. Do not reduce the pressure on the pedal.

After starting off the system performs a self-test which may be audible.

Control indicator ⓐ ⇨ 71.

Adaptive brake light

During full braking, all three brake lights flash for the duration of ABS control.

Fault

⚠Warning

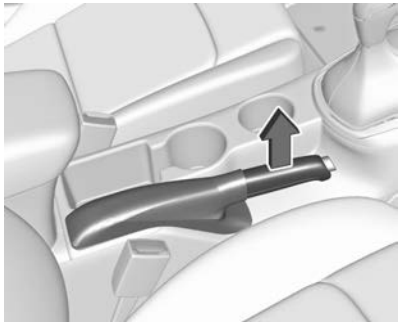
If there is a fault in the ABS, the wheels may be liable to lock due to braking that is heavier than normal. The advantages of ABS are no longer available. During hard braking, the vehicle can no longer be steered and may swerve.

Have the cause of the fault remedied by a workshop.

Parking brake

⚠Warning

Before leaving the vehicle, check parking brake status. Control indicator ⓘ must illuminate constantly.



⚠ Warning

Always apply parking brake firmly without operating the release button, and apply as firmly as possible on a downhill or uphill slope.

To release the parking brake, pull the lever up slightly, press the release button and fully lower the lever.

To reduce the operating forces of the parking brake, depress the foot brake at the same time.

Control indicator ⓘ ⇨ 71.

Brake assist

If brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied.

Operation of brake assist might become apparent by a pulse in the brake pedal and a greater resistance when depressing the brake pedal.

Maintain steady pressure on the brake pedal as long as full braking is required. Maximum brake force is automatically reduced when brake pedal is released.

Hill start assist

The system helps prevent unintended movement when driving away on inclines.

When releasing the brake pedal after stopping on an incline, brakes remain on for further two seconds. The brakes release automatically as soon as the vehicle begins to accelerate.

Ride control systems

Traction Control system

The Traction Control system (TC) is a component of the Electronic Stability Control ⇨ 114.

TC improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the drive wheels from spinning.

As soon as the drive wheels starts to spin, engine output is reduced and the wheel spinning the most is braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

TC is operational as soon as the control indicator 🚗 extinguishes.

When TC operates 🚗 flashes.

⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⛐ ⇨ 72.

Deactivation

TC can be switched off when spinning of drive wheels is required:

press ⛐ briefly to deactivate TC, ⛐ illuminates. Deactivation is displayed as status message in the Driver Information Centre.

TC is reactivated by pressing ⛐ again.

TC is also reactivated the next time the ignition is switched on.

Electronic Stability Control

Electronic Stability Control (ESC) improves driving stability when necessary, regardless of the type of road surface or tyre grip. It also prevents the drive wheels from spinning. ESC operates in combination with the Traction Control system (TC) ⇨ 113.

As soon as the vehicle starts to swerve (understeer/oversteer), engine output is reduced and the wheels are braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

ESC is operational as soon as the control indicator ⛐ extinguishes.

When ESC operates, control indicator ⛐ flashes.

⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⛐ ⇨ 72.

Deactivation

For a more sporty behaviour ESC and TC can be deactivated separately:

- press briefly: only Traction control system is inactive, ESC remains active, illuminates
- hold pressed for at least five seconds: TC and ESC are deactivated, and illuminate.

Additionally the selected mode is displayed as status message in the Driver Information Centre.

If the vehicle comes into threshold with deactivated ESC, the system will reactivate ESC for the time duration of the threshold, when the brake pedal is depressed once.

ESC is reactivated by pressing again. If the TC system was previously disabled, both TC and ESC are reactivated.

ESC is also reactivated the next time the ignition is switched on.

Driver assistance systems

⚠ Warning

Driver assistance systems are developed to support the driver and not to replace the driver's attention.

The driver accepts full responsibility when driving the vehicle.

When using driver assistance systems, always take care regarding the current traffic situation.

Cruise control

The Cruise control can store and maintain speeds of approx. 40 km/h to maximum vehicle speed.

Deviations from the stored speeds may occur when driving uphill or downhill.

It is the responsibility of the driver to comply with local posted speed limits. For safety reasons, the cruise control cannot be activated until the foot brake has been operated once.

Activating in first gear is not possible.

Do not use the cruise control if it is not advisable to maintain a constant speed.

With automatic transmission, only activate cruise control in automatic mode.

Control indicator ⏲ ⇨ 73.

Switching on

Press button ⏲, control indicator ⏲ in instrument cluster illuminates white.

Activation

Accelerate to the desired speed and press button **SET/-**: the current speed is stored and maintained. Control indicator ⏲ in instrument cluster illuminates green. Set speed is indicated on the display. Accelerator pedal can be released.

Vehicle speed can be increased by depressing the accelerator pedal. When the accelerator pedal is released, the previously stored speed is resumed.

Cruise control remains activated while gearshifting.

Increase speed

With cruise control active, press and hold button **RES/+** or briefly press **RES/+** repeatedly: speed increases continuously or in small increments.

Alternatively accelerate to the desired speed and store by pressing button **SET/-**.

Reduce speed

With cruise control active, press and hold button **SET/-** or briefly press **SET/-** repeatedly: speed decreases continuously or in small increments.

Deactivation

Press button , control indicator in instrument cluster illuminates white. Cruise control is deactivated. Last used set speed is stored in memory for later speed resume.

Automatic deactivation:

- Vehicle speed is below approx. 40 km/h.
- The brake pedal is depressed.
- The selector lever in **N**.
- Engine speed in a very low range.
- The Traction Control system or Electronic Stability Control is operating.

Resume stored speed

Press button **RES/+** at a speed above 40 km/h. The stored speed will be obtained.

Switching off

Press button , control indicator in instrument cluster extinguishes. The stored speed is deleted.

Switching off the ignition also switches off cruise control and deletes the stored speed.

Forward collision alert

The forward collision alert can help to avoid or reduce the harm caused by front-end crashes.

Forward collision alert uses the front camera system in the windscreen to detect a vehicle directly ahead, in your path, within a distance of approx. 60 metres.

A vehicle ahead is indicated by control indicator .

If a vehicle directly ahead is approached too quickly, a warning chime and alert in the Driver Information Centre is provided.

Additionally the driver gets notified by a flashing red LED stripe which is projected on the windscreen in the driver's field of view.

A precondition is that forward collision alert is not deactivated by pressing .

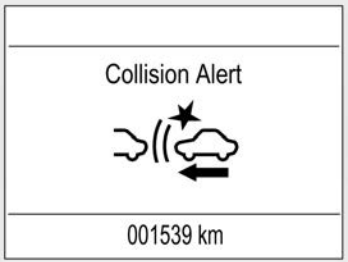
Activation

Forward collision alert operates automatically above 40 km/h, if it is not deactivated by pressing , see below.

Selecting the alert sensitivity

The alert sensitivity can be set to near, medium or far.

Press ⚙, the current setting is shown on the Driver Information Centre. Press ⚙ repeatedly to change the alert sensitivity. The selected setting is also displayed in the Driver Information Centre.



Alerting the driver

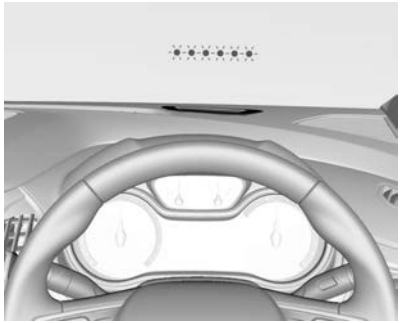
The vehicle ahead control indicator 🚗 illuminates green in the instrument cluster when the system has detected a vehicle in the driving path.

The control indicator 🚗 changes to yellow when the distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly.

Caution

The colour lighting of this control indicator does not correspond to local traffic laws on following distance. The driver bears full responsibility for maintaining safe following distance according to applicable traffic rules, weather and road conditions etc. at all times.

When the time to a potential collision with a vehicle in front gets too small and a collision is imminent, the collision alert symbol pops-up in the Driver Information Centre and the driver gets notified by a flashing red LED stripe which is projected on the windscreen in the driver's field of view.



Simultaneously a warning chime sounds. Depress the brake pedal and steer the vehicle, if it is required by the situation.

Deactivation

The system can be deactivated. Press ⇦ repeatedly until **Forward Collision Alert Off** appears in the Driver Information Centre.

The settings "near", "medium", "far" or "off" will be stored when the ignition is switched off.

General information

⚠Warning

Forward collision alert is just a warning system and does not apply the brakes. When approaching a vehicle ahead too rapidly, it may not provide you enough time to avoid a collision.

The driver accepts full responsibility for the appropriate following distance based on traffic, weather and visibility conditions.

The complete attention of the driver is always required while driving. The driver must always be ready to take action and apply the brakes.

System limitations

The system is designed to warn on vehicles only, but may react also to other objects.

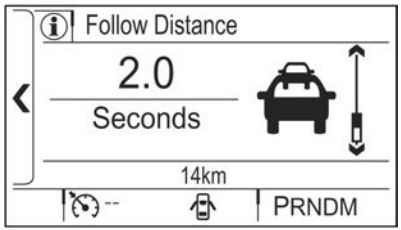
In the following cases, forward collision alert may not detect a vehicle ahead or sensor performance is limited:

- on winding roads
- when weather limits visibility, such as fog, rain, or snow
- when the sensor is blocked by snow, ice, slush, mud, dirt, windscreen damage or affected by foreign items, e.g. stickers

Following distance indication

The following distance indication displays the distance to a preceding moving vehicle. The front camera in the windscreen is used to detect the distance of a vehicle directly ahead in the vehicle's path. It is active at speeds above 40 km/h.

When a preceding vehicle is detected ahead, the distance is indicated in seconds, displayed on a page in the Driver Information Centre.



Select **Info** menu via steering wheel buttons and press ✔ to select following distance indication ⇨ 74.

The minimum indicated distance is 0.5 seconds.

If there is no vehicle ahead or the vehicle ahead is out of range, two dashes will be displayed: -.- sec.

Parking assist

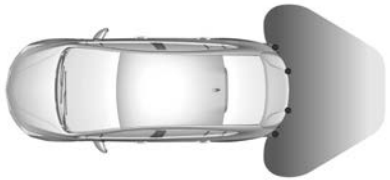
Rear parking assist

⚠Warning

The driver bears full responsibility for the parking manoeuvre.

Rear parking assist is designed to support a driver in parking and not replace the driver's attention. The driver must always check the surrounding area when driving backwards or forwards while using parking assist system.

The rear parking assist makes parking easier by measuring the distance between the vehicle and rear obstacles. It informs and warns the driver by giving acoustic signals.



The system has four ultrasonic parking sensors in the rear bumper.

Activation

After ignition is switched on, the rear parking assist is activated.

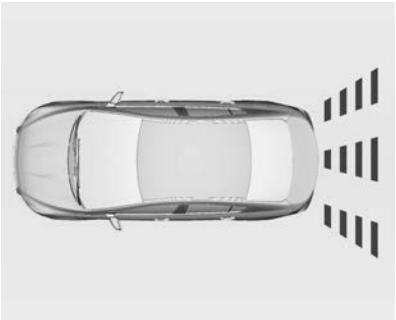
An illuminated LED in the parking assist button **P** indicates that the system is ready to operate.

Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles behind the vehicle in a distance range up to 50 cm while a forward gear is

engaged, respectively up to 1.5 metres while reverse gear is engaged.

Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.



Additionally, the distance to rear obstacles is displayed by changing distance lines in the Driver Information Centre ⇨ 74.

The distance indication can be inhibited by vehicle messages with a higher priority. After dismissing the message distance indication appears again.

Deactivation

Press parking assist button P to deactivate, the LED in the button extinguishes.

Fault

In the event of a fault or if the system does not work temporarily, e.g. because of high external noise level or other interference factors, the LED in the button flashes for three seconds and then extinguishes. A message is indicated in the Driver Information Centre.

Front-rear parking assist

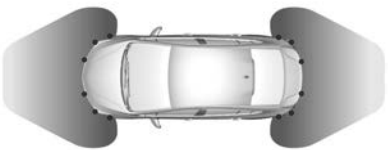
⚠ Warning

The driver bears full responsibility for the parking manoeuvre.

Always check the surrounding area when driving backwards or forwards while using parking assist system.

The front-rear parking assist measures the distance between the vehicle and obstacles in front and behind the vehicle. It informs and warns the driver by giving acoustic signals and display indication.

It uses two different acoustic warning signals for the front and rear monitoring areas, each with a different tone frequency.



The system has six ultrasonic parking sensors each in the rear and front bumper.

Activation

When reverse gear is engaged, the front and rear parking assist is ready to operate. The front parking assist is also activated automatically at a speed up to 11 km/h.

An illuminated LED in the parking assist button P indicates that the system is ready to operate.

If P is switched off within an ignition cycle, the front parking assist is deactivated. If vehicle speed has exceeded 25 km/h beforehand, parking assist will be reactivated when speed drops below 11 km/h.

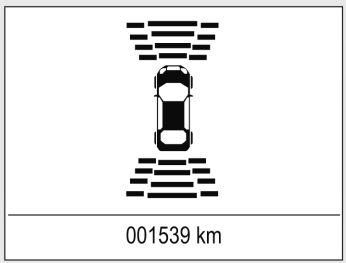
When the system is deactivated, the LED in the button extinguishes and **Park Assist Off** pops-up in the Driver Information Centre.

Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles in front of the vehicle in a distance range up to 80 cm and against potentially hazardous obstacles behind the vehicle in a distance range up to 50 cm while a forward gear is engaged, respectively up to 1.5 m while reverse gear is engaged.

Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to rear and front obstacles is displayed by changing distance lines in the Driver Information Centre ⇨ 74 or, depending on the version, on the Info-Display ⇨ 79.



The distance indication can be inhibited by vehicle messages with a higher priority. After dismissing the message distance indication appears again.

Deactivation

The rear parking assist automatically switches off when reverse gear is disengaged. The front parking assist is deactivated automatically at a speed above 11 km/h.

Manual deactivation is also possible by pressing the parking assist button P.

When the system is deactivated manually, the LED in the button extinguishes and **Park Assist Off** pops-up in the Driver Information Centre.

After a manual deactivation, the front-rear parking assist is activated again if P is pressed or if reverse gear is engaged.

The complete system can be manually deactivated in the vehicle personalisation menu in the Info-Display. It remains deactivated during the ignition cycle or until activation in personalisation menu again. Vehicle personalisation ⇨ 82.

When using the trailer hitch change the configuration settings in the vehicle personalisation menu in the Info-Display. Vehicle personalisation ⇨ 82.

Fault

In the event of a fault or if the system does not work temporarily, e.g. because of high external noise level or other interference factors, a message pops-up in the Driver Information Centre.

Vehicle messages ⇨ 81.

Advanced parking assist

⚠ Warning

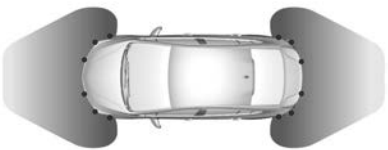
It is the driver who bears full responsibility for accepting the parking slot suggested by the system and the parking manoeuvre.

Always check the sourrounding area in all directions when using advanced parking assist.

The advanced parking assist measures a suitable parking slot while passing, calculates the trajectory and automatically steers the vehicle into a parallel or perpendicular parking slot.

Instructions are given in the Driver Information Centre ⇨ 74 or, depending on the version, on the Info-Display ⇨ 79, supported by acoustic signals.

The driver must control acceleration, braking and gear shifting, while steering is done automatically.



The system has six ultrasonic parking sensors each in both the rear and front bumper.

Activation

Advanced parking assist can only be activated when driving forwards.

When searching for a parking slot, the system is ready to operate after pressing briefly.

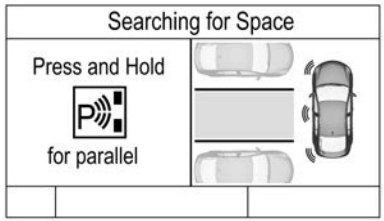
The system recognises and memorises 10 metres for parallel parking slots or six metres for perpendicular parking slots in the parking assist mode.

The system can only be activated at a speed up to 30 km/h and the system searches for a parking slot at a speed up to 30 km/h.

The maximum allowed parallel distance between the vehicle and a row of parked cars is 1.8 metres for parallel parking and 2.5 metres for perpendicular parking.

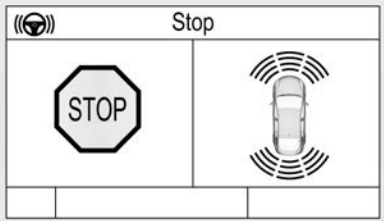
Functionality

Parking slot searching mode, indication in the Driver Information Centre



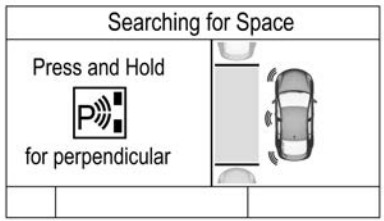
Select parallel or perpendicular parking slot in Driver Information Centre by pressing and holding .

The system is configured to detect parking slots by default on the passenger side. To detect parking slots on the driver side, switch on turn signal indicator on the driver side.



When a slot is detected, a visual feedback in the Driver Information Centre and an acoustic signal is given.

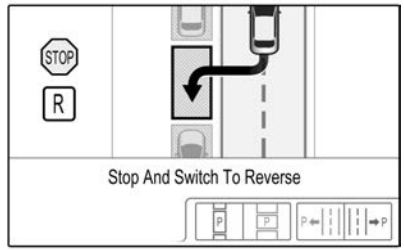
Indication in the Info-Display



The indication may be shown on the colour-info display.

Select parallel or perpendicular parking slot by tapping the respective icon on the display.

Select parking side by tapping the respective icon on the display.



When a slot is detected, a visual feedback on the Info-Display and an acoustic signal is given.

If the driver does not stop the vehicle after a parking slot is proposed, the system starts to search for another suitable parking slot.

Park guiding mode

The parking slot suggestion of the system is accepted when the vehicle is stopped by the driver within 10 metres for parallel parking slots or six metres for perpendicular parking slots after the **Stop** message is given. The system calculates the optimal path into the parking slot.

A brief vibration in the steering wheel after engaging reverse gear indicates that the steering is controlled by the system. Then the vehicle is steered into the slot automatically by giving the driver detailed instructions for braking, accelerating and gear shifting. The driver must keep hands away from the steering wheel.

Always pay attention to the sound of the front-rear parking assist. Continuous sound indicates that the distance to an obstacle is less than approx. 30 cm.

If, for any reason, the driver must take over control of the steering, hold the steering wheel only at the outer edge. Automatic steering is cancelled in this event.

Display indication

The instructions on the display show:

- General hints and warning messages.
- A hint when driving faster than 30 km/h during parking slot searching mode.
- The demand to stop the vehicle, when a parking slot is detected.
- The direction of driving during the parking manoeuvre.
- The demand to shift into reverse or first gear.
- The demand to accelerate or brake.
- For some of the instructions a progress bar is shown in the Driver Information Centre.
- The successful completion of the parking manoeuvre indicated by a pop-up symbol and a chime.
- The cancelling of a parking manoeuvre.

Display priorities

Advanced parking assist indication in the Driver Information Centre can be inhibited by vehicle messages with a higher priority. After approving the message by pressing ✔ on the steering wheel, advanced parking assist instructions appear again and the parking manoeuvre can be continued.

Deactivation

The system is deactivated by:

- a short press of P
- parking manoeuvre successfully ended,
- driving faster than 30 km/h during parking slot search,
- driving faster than 8 km/h during parking guidance,
- driver interference on steering wheel detected,
- exceeding number of maximum gear changes: eight cycles when parallel parking or five cycles when perpendicular parking
- switching off the ignition.

Deactivation by the driver or by the system during manoeuvring will be indicated by **Parking Deactivated** in the Driver Information Centre. Additionally an acoustic signal sounds.

Fault

A message appears when:

- There is a fault in the system.
- The driver did not successfully complete the parking manoeuvre.
- The system is not operational.
- Any of the deactivation reasons described above apply.

If an object is detected during parking instructions, **Stop** is indicated on the display. Removing the object will resume the parking manoeuvre. If the object is not removed, the system will be deactivated. A long press of P will activate the system and search for a new parking slot.

Basic notes on parking assist systems

⚠ Warning

Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.

Special attention must be paid to low obstacles which can damage the lower part of the bumper.

Caution

Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.

Performance of the parking assist system can be reduced due to heavy loading.

Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and correct distance indication in the upper part of these vehicles cannot be guaranteed.

Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.

Parking assist systems do not detect objects outside the detection range.

Caution

It is possible that the sensor detects a non-existing object caused by echo disturbance from external acoustic noise or mechanical misalignments (sporadic false warnings might happen).

Make sure that the front license plate is properly mounted (not bent and no gaps to the bumper on the left or right side) and the sensors are well in place.

Advanced parking assist system may not respond to changes in the available parking space after initiating a parking manoeuvre. The system may recognize an entry, a gateway, a courtyard or even a crossing as parking slot. After selecting reverse gear the system would start a parking

manoeuvre. Take care of the availability of the suggested parking slot.

Surface irregularities, e.g. on construction zones, are not detected by the system. The driver accepts responsibility.

Calibration

After production or, for example, if the wheels have been changed the system requires a calibration. For optimal parking guidance, a driving distance of at least 10 km, including a number of bends, is required.

Side blind spot alert

The Side blind spot alert system detects and reports objects on either side of the vehicle, within a specified "blind spot" zone. The system alerts visually in each exterior mirror, when detecting objects that may not be visible in the interior and exterior mirrors.

The system's sensors are located in the bumper on the left and right side of the vehicle.

⚠ Warning

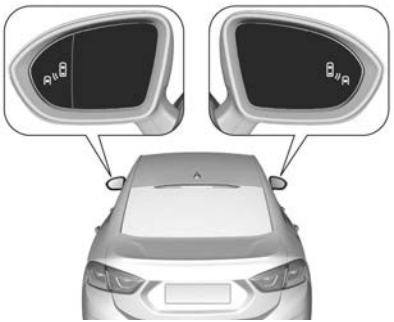
Side blind spot alert does not replace driver attention. The driver's complete attention is required when driving.

The system does not detect:

- vehicles outside the side blind zones which may be rapidly approaching
- pedestrians, cyclists or animals

Before changing a lane, always check all mirrors, look over the shoulder and use the turn signal.

When the system detects a vehicle in the side blind zone while driving forward, either while passing a vehicle or being passed, an amber warning symbol will illuminate in the relevant exterior mirror. If the driver then activates the turn signal, the warning symbol starts flashing amber as a warning not to change lanes.



Side blind spot alert is active from speeds of 10 km/h up to 140 km/h. Driving faster than 140 km/h deactivates the system, indicated by low lighting warning symbols in both exterior mirrors. Reducing the speed again will extinguish the warning symbols. If a vehicle is then detected in the blind zone, the warning symbols will illuminate as normal on the relevant side.

When the vehicle is started, both exterior mirror displays will briefly come on to indicate that the system is operating.

The system can be activated or deactivated in the menu **Settings** in the Info-Display, vehicle personalisation ⇨ 82.

Deactivation is indicated by a message in the Driver Information Centre.

Detection zones

The system sensor covers a zone of approx. 3.5 metres on both sides of the vehicle. This zone starts at each exterior mirror and extends rearwards by approx. 3 metres. The height of the zone is approx. between 0.5 metres and 2 metres off the ground.

Side blind spot alert is designed to ignore stationary objects such as guardrails, posts, curbs, walls and beams. Parked vehicles or oncoming vehicles are not detected.

Fault

Occasional missed alerts can occur under normal circumstances.

Side blind spot alert does not operate when the left or right corners of the rear bumper are covered with mud, dirt, snow, ice, slush, or in heavy rainstorms. Cleaning instructions ⇨ 174.

In the event of a fault in the system or if the system does not work due to temporary conditions, a message is displayed in the Driver Information Centre. Seek the assistance of a workshop.

Rear view camera

The rear view camera assists the driver when reversing by displaying a view of the area behind the vehicle.

The view of the camera is displayed in the Info-Display.

⚠ Warning

The rear view camera does not replace driver attention. The driver's complete attention is required when driving. Note that objects that are outside the camera's field of view and the parking assist sensors, e.g. below the bumper or underneath the vehicle, are not displayed.

Do not reverse or park the vehicle using only the rear view camera.

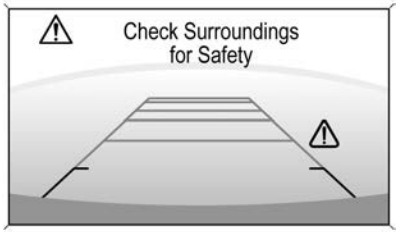
Always check the surrounding of the vehicle before driving.

Activation

Rear view camera is automatically activated when reverse gear is engaged.

Functionality

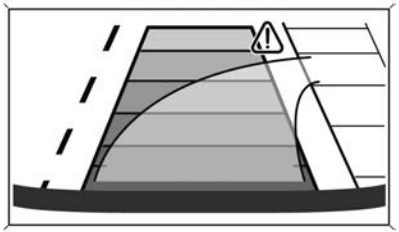
The camera is mounted in the boot lid handle and has a viewing angle of 130°.



The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Guiding lines

Dynamic guiding lines are horizontal lines in one metre intervals projected on the picture to define the distance to shown objects.



Trajectory lane of the vehicle is shown in accordance with the steering angle.

Warning symbols

Warning symbols are indicated as triangles ⚠on the picture, which show obstacles detected by the rear sensors of the advanced parking assist.

Additionally ⚠appears on the top line of the Info-Display with the warning to check the vehicle surrounding.

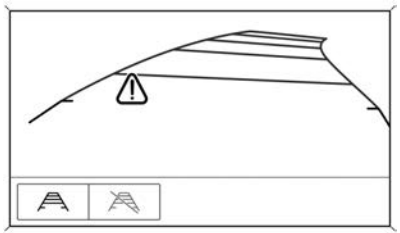
Display settings

Brightness and contrast can be set by tapping the touch screen display when rear view camera is active.

Deactivation

The camera is switched off when a certain forward speed is exceeded or if reverse gear is not engaged for approx. 15 seconds. Rear view camera can be manually deactivated in the vehicle personalisation menu in the Info-Display. Select the relevant setting in **Settings**, ➧ **Vehicle**.

Deactivation of guiding lines and warning symbols



7" Colour-Info-Display: Activation or deactivation of the visual guiding lines and the warning symbols can be changed by touch buttons in the lower zone of the display.

8" Colour-Info-Display: Activation or deactivation of the visual guiding lines and the warning symbols can be changed in the Settings menu in the Info-Display. Select the relevant setting in **Settings**, ➧ **Vehicle**.

Info-Display ⇨ 79.

Vehicle personalisation ⇨ 82.

Fault

Fault messages are displayed with a ⚠ on the top line of the Info-Display.

The rear view camera may not operate properly when:

- The surrounding is dark.
- The sun or the beam of headlights is shining directly into the camera lens.
- Ice, snow, mud, or anything else covers the camera lens. Clean the lens, rinse it with water, and wipe it with a soft cloth.
- The vehicle had a rear end accident.
- There are extreme temperature changes.

Lane keep assist

Lane keep assist helps to avoid crashes due to unintentional lane departures. The front camera observes the lane markings between which the vehicle is driving. If the vehicle approaches a lane marking, the steering wheel is gently turned to position the vehicle back into the lane. If the system does not steer the vehicle sufficiently, the driver may turn the steering wheel in the same direction. If lane change is intended, the driver may turn the steering wheel gently in the opposite direction.

When crossing a lane marking significantly, lane keep assist starts a visual and acoustic warning.

Unintended lane departure is assumed

- without using turn signal
- using the turn signal in the opposite direction of the lane departure
- without braking
- without acceleration
- without active steering.

Note
The system is switched off during detection of ambiguous lane markings, e.g. in construction areas.

Note
The system may be switched off if it detects lanes which are too narrow, too wide or too curved.

Activation

The lane keep assist is activated by pressing . The LED in the button illuminates to indicate that the system is switched on.

When the control indicator in the instrument cluster illuminates green, the system is ready to assist.

The system is operable at vehicle speeds above 60 km/h and if lane markings are available.

The system gently turns the steering wheel and the control indicator changes to yellow, if the vehicle approaches a detected lane marking without using the turn signal in that direction.

The system alerts by flashing together with three chimes, from the respective direction, if the lane is departed significantly.

The system is only operable when a lane marking is detected.

If the system only detects lane markings on one side of the road, it will only assist for this side.

Lane keep assist detects hands-free driving. In this case a message in the Driver Information Centre pops-up and a chime sounds as long as lane keep assist detects hands-free driving.

Deactivation

The system is deactivated by pressing , the LED in the button extinguishes.

Fault

The system performance may be affected by:

- Windscreen not clean or affected by foreign items, e.g. stickers
- Close vehicles ahead
- Banked roads
- Winding or hilly roads
- Road edges
- Roads with poor lane markings
- Sudden lighting changes
- Adverse environmental conditions, e.g. heavy rain or snow
- Vehicle modifications, e.g. tyres.

Switch off the system if the system is disturbed by tar marks, shadows, road cracks, temporary or construction lane markings, or other road imperfections.

⚠Danger

Always keep your attention on the road and maintain proper vehicle position within the lane, otherwise vehicle damage, injury or death could occur.

Lane keep assist does not continuously steer the vehicle.

The system may not keep the vehicle in the lane or give an alert, even if a lane marking is detected.

The steering of the lane keep assist may not be sufficient to avoid a lane departure.

The system may not detect hands-off driving due to external influences (road condition and surface, weather etc). The driver has full responsibility to control the vehicle and is always required to keep the hands on the steering wheel while driving.

Using the system while towing a trailer or on slippery roads could cause loss of control of the vehicle and a crash. Switch the system off.

Fuel

Fuel for petrol engines

Use of clean, unleaded petrol of regular 91 Research Octane Number (RON) rating or higher is recommended. Use of Premium unleaded petrol (95 RON or higher) may provide a small improvement in performance and fuel economy ⇨ 183.

Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel which contains abnormal fuel properties.

Caution

Use of fuel with too low an octane rating could lead to uncontrolled combustion and engine damage.

Equivalent standardised fuels with an ethanol content of max. 10% by volume may be used.

⚠Warning

Under no circumstances should you use fuel containing more than 10% ethanol. Use of such fuels may result in engine malfunction, starting and operating difficulties, and materials degradation. These adverse effects could result in permanent damage to your vehicle and the risk of personal injury. Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel with more than 10% ethanol or fuel which contains abnormal fuel properties.

Refuelling

⚠Danger

Before refuelling, switch off ignition and any external heaters with combustion chambers.

Follow the operating and safety instructions of the filling station when refuelling.

⚠Danger

Fuel is flammable and explosive. No smoking, no naked flames or sparks around fuel.

If you can smell fuel in your vehicle, have the cause of this remedied immediately by a workshop.

Caution

In case of misfuelling, do not switch on ignition.

Fuel filler flap is located at right rear side of the vehicle.

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap.

To open, turn the cap slowly anticlockwise.

The fuel filler cap can be retained in the bracket on the fuel filler flap.

To refuel, fully insert the pump nozzle and switch it on.

After automatic cut-off, it can be topped up by operating the pump nozzle maximally two more times.

Caution

Wipe off any overflowing fuel immediately.

To close, turn the fuel filler cap clockwise until it clicks.

Close the flap and engage.

Fuel filler cap

Only use genuine fuel filler caps.

Trailer hitch

General information

The word 'Trailer' is used throughout this section and is intended to include all types of towed vehicles, such as a caravan, boat trailer or any other special purpose trailer.

The vehicle is designed primarily as a passenger vehicle, so handling, durability and economy may be affected by towing a trailer. Your Holden Dealer will help supply and install towing equipment to suit your requirements.

Trailer towing ⇨ 136.

Trailer towing

Overloading

Never exceed the loads given for the towing equipment fitted to the vehicle. For your safety and the vehicle's durability, all mandatory equipment must be fitted. Otherwise you may void the New Vehicle Warranty, to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of the vehicle.

Maximum towing capacities (kg)

Engine	Transmission	Type	Maximum towing capacity
1.4L Petrol	Manual transmission	With brake	1200 kg
		Without brake	750 kg
	Automatic transmission	With brake	1200 kg
		Without brake	750 kg

Mandatory equipment: Holden 1200 kg rated towbar and Holden trailer wiring harness.

⚠Warning

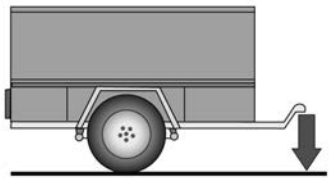
Holden towing equipment is recommended where it is available. Where it is not available, no recommendation is made as to the make of equipment to be used. Holden will not accept liability for defects occurring in inappropriate towing equipment or for defects in the vehicle arising from the use of such equipment or for loss or injury caused by use of such equipment.

The use of inappropriate equipment may void your New Vehicle Warranty to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of your vehicle.

Towing with Electronic Stability Control (ESC)

You may hear noise from the ESC modulator when it is working. The ESC is reacting to the vehicle movement caused by the trailer, which mainly occurs during cornering. This is considered normal when towing heavier trailers.

Recommended procedure for attaching a trailer



When a trailer is hitched to the vehicle, it places a weight on the tow bar. This weight is called the 'tow ball load'.

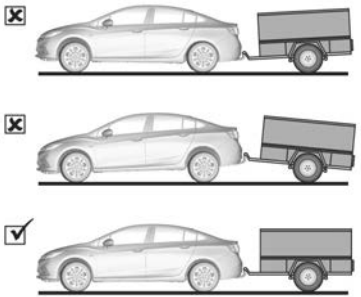
If the tow ball load is too light or too heavy, the steering and handling of the vehicle may be affected.

As a general guideline, for single axle trailers, the ball load should be approximately 10% of the loaded trailer mass. For heavy trailers with more than one axle, the ball load should be in the range of 5% - 10% of the loaded trailer mass.

Note
The tow ball load should not exceed 75 kg.

The tow ball load can be adjusted by correctly packing the contents of the trailer. For example, by moving items forwards or backwards within the trailer so as to change the balance of the trailer.

Check the tow ball load before coupling the trailer to the towing vehicle.



If the attitude of the vehicle is compromised, adjust the vehicle and trailer load within the specifications to improve the attitude. If the vehicle attitude cannot be corrected, use a load distribution hitch.

Note

At no time may the maximum towing capacity exceed the maximum specified. Refer to Maximum towing capacity previously in this chapter.

At no time may the total rear axle load exceed the maximums specified. Refer to Loading the vehicle previously in this chapter.

Towing precautions

- When heavily loading your vehicle or when towing, your tyres should be inflated to the maximum recommended pressure. Refer to tyre pressure placard and information about tyre pressures ⇨ 187.
- Tighten the tow ball retaining nut to 140 Nm (Newton Metres) and check the torque frequently.
- Vehicles handle differently when towing. It is a good idea to make a couple of short distance trips with the trailer before setting off on a longer journey.
- Have your vehicle correctly maintained and serviced.

- Have the trailer maintained and serviced, with particular attention to the condition of the brakes, tyres, suspension, wheel bearings, lighting and the tow coupling.
- Use extended-arm rear view mirrors on both sides of the vehicle if necessary.
- Headlamps may need realignment after the loaded trailer has been hitched.
- Use a lower gear and the brakes, when descending steep hills.
- Do not use axle-mounted hitches as this will damage the vehicle.
- Ensure that no part of the tow bar (including the tongue or tow ball) obscures the vehicle's licence plate. If necessary, remove the tow bar tongue when it is not in use.
- If a tow bar is removed: Ensure to have any mounting holes in the underbody properly sealed to prevent the possible entry to exhaust fumes, dust and water.

Trailer brakes

- Trailer brakes are mandatory on trailers weighing 750 kg and over when loaded. The brakes on the trailer must be designed to cope with the braking requirements of the trailer under all towing conditions, without adversely affecting the brakes on the vehicle.
- Contact the appropriate regulatory body in your State or Territory for the legal requirements of trailer brakes.

Fitting accessories (bull bar, driving lamps, insect screens etc.)

When fitting accessories, take care not to restrict airflow through the air conditioner condenser and the radiator, otherwise engine overheating and/or poor air conditioning performance may result.

The mass of all accessories must be considered when evaluating the vehicle's overall loaded condition.

Remember that bull bars may affect airbag operation.

Running in before towing

Holden recommends that you drive your new vehicle for at least 1,500 km before towing. If you must tow in the first 1,500 km of the vehicle's life, do not exceed 80 km/h.

The same applies if the vehicle is equipped with a new or reconditioned engine, transmission or axle.

Vehicle maintenance

More frequent vehicle maintenance is required when using the vehicle for towing. Refer to the Service & Warranty Booklet in the vehicle's glovebox.

Trailer stability assist

If the system detects snaking movements, engine power is reduced and the vehicle/trailer combination is selectively braked until the snaking ceases. While system is working keep steering wheel as still as possible.

Trailer stability assist (TSA) is a function of the Electronic Stability Control ⇨ 114.

Vehicle care

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General Information

Accessories and vehicle modifications

We recommend the use of genuine parts and accessories and factory approved parts specific for your vehicle type. We cannot assess or guarantee reliability of other products - even if they have a regulatory or otherwise granted approval.

Do not make any modifications to the electrical system, e.g. changes of electronic control units (chip tuning).

Caution

When transporting the vehicle on a train or on a recovery vehicle, the mud flaps might be damaged.

Vehicle storage

Storage for a long period of time

If the vehicle is to be stored for several months:

- Wash and wax the vehicle.
- Have the wax in the engine compartment and underbody checked.
- Clean and preserve the rubber seals.
- Fill up fuel tank completely.
- Change the engine oil.
- Drain the washer fluid reservoir.
- Check the coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park the vehicle in a dry, well ventilated place. Engage first or reverse gear or set selector lever to **P**. Prevent the vehicle from rolling.
- Do not apply the parking brake.
- Open the bonnet, close all doors and lock the vehicle.
- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional, e.g. anti-theft alarm system.

Putting back into operation

When the vehicle is to be put back into operation:

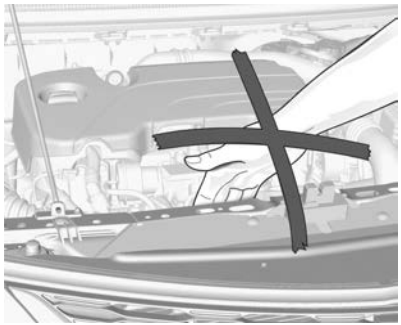
- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

End-of-life vehicle recovery

Information on end-of-life vehicle recovery centres and the recycling of end-of-life vehicles is available on our website, where legally required. Only entrust this work to an authorised recycling centre.

Vehicle checks

Performing work



⚠Warning

Only perform engine compartment checks when the ignition is off.

The cooling fan may start operating even if the ignition is off.

⚠Danger

The ignition system uses extremely high voltage. Do not touch.

Bonnet

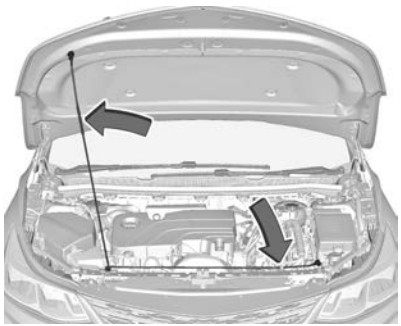
Opening

Open the driver's door.

Pull the release lever and return it to its original position.

Pull the release lever a second time to release the safety catch.

Open the bonnet.



Secure the bonnet support.

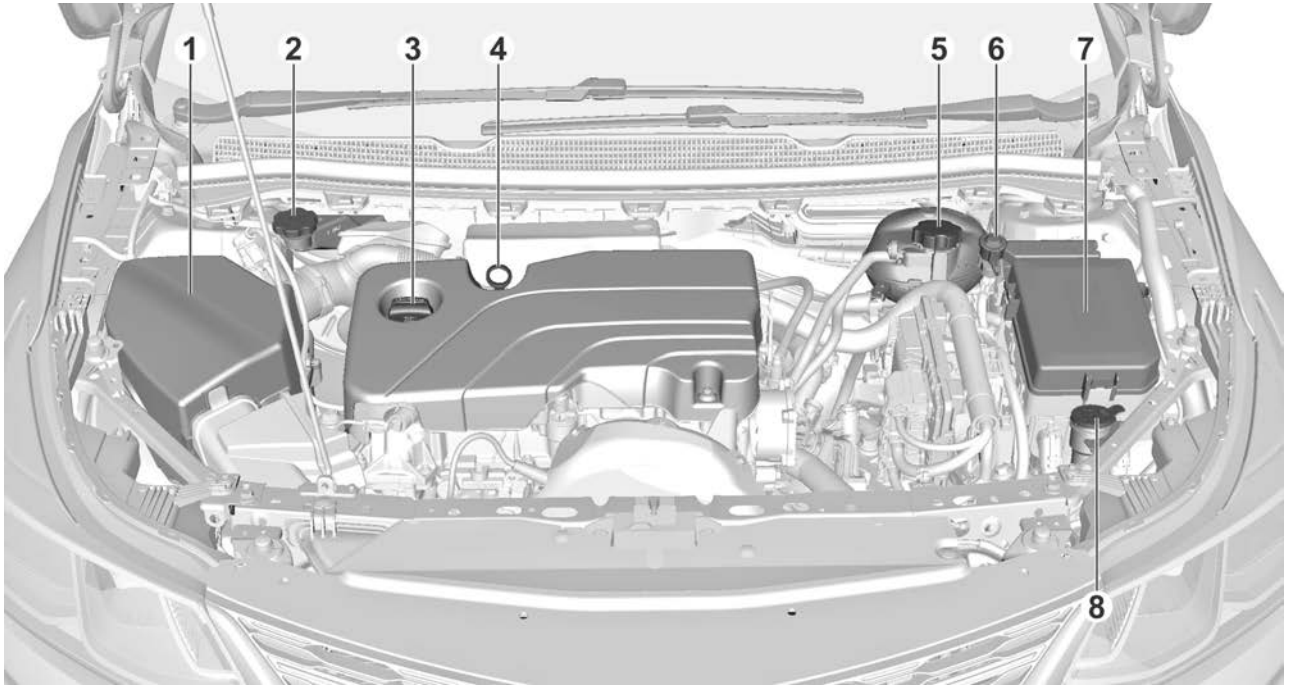
Closing

Before closing the bonnet, press the support into the holder.

Lower the bonnet and let it fall into the latch from a low height (20-25 cm). Check that the bonnet is engaged.

Caution
Do not press the bonnet into the latch to avoid dents.

Engine compartment overview



1. Engine air filter
2. Brake fluid container ⇨ 149
3. Engine oil cap ⇨ 147
4. Dipstick for engine oil level ⇨ 147
5. Engine coolant container ⇨ 148
6. Battery connecting points ⇨ 150
7. Fuse box ⇨ 158
8. Washer fluid container ⇨ 149

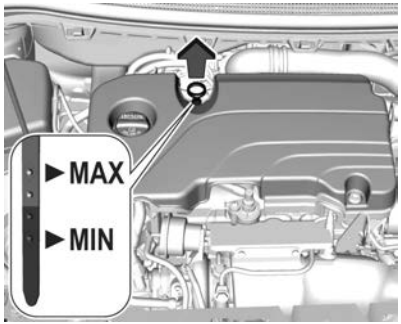
Engine oil

Check the engine oil level manually on a regular basis to prevent damage to the engine. Ensure that the correct specification of oil is used. Recommended fluids and lubricants ⇨ 177.

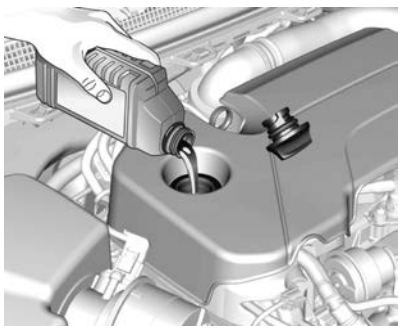
Check with the vehicle on a level surface. The engine must be at operating temperature and switched off for at least five minutes.

Pull out the dipstick, wipe it clean, insert it to the stop on the handle, pull out and read the engine oil level.

Insert dipstick to the stop on the handle and make half a turn.



When the engine oil level has dropped to the **MIN** mark, top up engine oil.



We recommend the use of the same grade of engine oil that was used at last change.

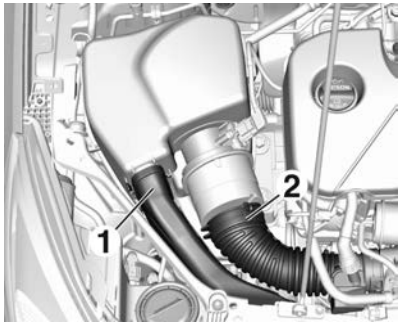
The engine oil level must not exceed the **MAX** mark on the dipstick.

Caution
Overfilled engine oil must be drained or suctioned out.

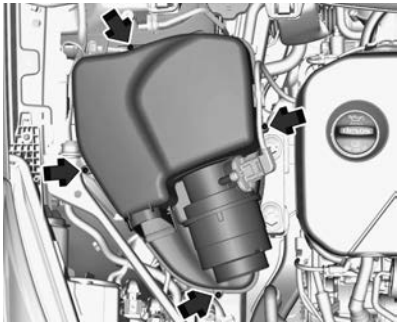
Capacities ⇨ 186.

Fit the cap on straight and tighten it.

Engine air filter



1. Unclip and remove the air intake duct (1).
2. Loosen the hose clamp and disconnect the air outlet hose (2).



3. Unscrew the 4 screws and remove the air filter housing.

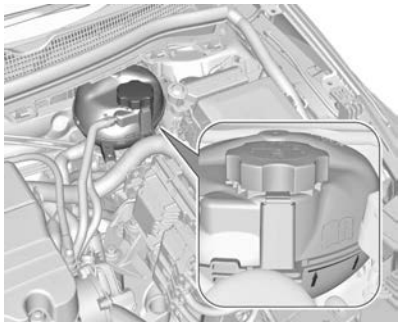
Engine coolant

The coolant provides freeze protection down to approx. -28 °C. In cold regions with very low temperatures the factory filled coolant provides frost protection down to approx. -37 °C.

Caution
Only use approved antifreeze.

Coolant level

Caution
Too low a coolant level can cause engine damage.



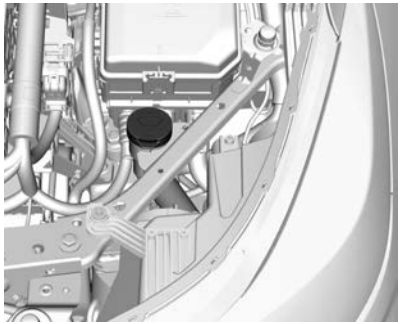
If the cooling system is cold, the coolant level should be above the filling line mark. Top up if the level is low.

⚠Warning

Allow the engine to cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

To top up use a 1:1 mixture of released coolant concentrate mixed with clean tap water. If no coolant concentrate is available, use clean tap water. Install the cap tightly. Have the coolant concentration checked and have the cause of the coolant loss remedied by a workshop.

Washer fluid



Fill with clean water mixed with a suitable quantity of approved windscreen washer fluid which contains antifreeze.

Brakes

In the event of minimum thickness of the brake lining, a squealing noise sounds during braking.

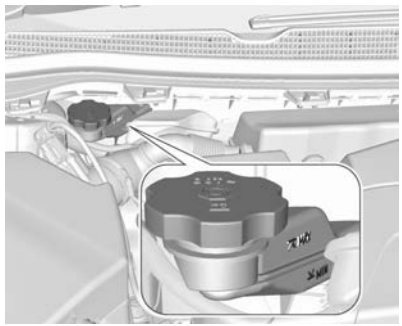
Continued driving is possible but have the brake lining replaced as soon as possible.

Once new brake linings are installed, do not brake unnecessarily hard for the first few journeys.

Brake fluid

⚠Warning

Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.

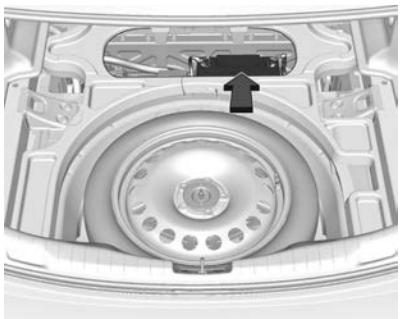


The brake fluid level must be between the **MIN** and **MAX** marks.

If fluid level is below **MIN** seek the assistance of a workshop.

Brake fluid ⇨ 177.

Vehicle battery



The vehicle battery is located in the load compartment under a cover in front of the spare wheel. There are connecting points for jump starting in the engine compartment.

Jump starting ⇨ 170.

The vehicle battery is maintenance-free provided that the driving profile allows sufficient charging of the battery. Short-distance-driving and frequent engine starts can discharge the battery. Avoid the use of unnecessary electrical consumers.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Laying up the vehicle for more than four weeks can lead to battery discharge. Disconnect the clamp from the negative terminal of the vehicle battery.

Ensure the ignition is switched off before connecting or disconnecting the vehicle battery.

Vehicle battery discharge protection ⇨ 90.

Replacing the vehicle battery

Note
Any deviation from the instructions given in this section may lead to temporary deactivation of the stop-start system.

When the vehicle battery is being replaced, please ensure that there are no open ventilation holes in the vicinity of the positive terminal. If a ventilation hole is open in this area, it must be closed off with a dummy cap, and the ventilation in the vicinity of the negative terminal must be opened.

We recommend that you have the vehicle battery replaced by a workshop.

Charging the vehicle battery

Jump starting ⇨ 170.

Warning label

Meaning of symbols:

- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the vehicle battery out of reach of children.
- The vehicle battery contains sulphuric acid which could cause blindness or serious burn injuries.
- See the Owner's Manual for further information.
- Explosive gas may be present in the vicinity of the vehicle battery.

Wiper blade replacement

Lift the wiper arm until it stays in the raised position, press button to disengage the wiper blade and remove.

Attach the wiper blade slightly angled to the wiper arm and push until it engages.

Lower wiper arm carefully.

Bulb replacement

Switch off the ignition and switch off the relevant switch or close the doors.

Only hold a new bulb at the base. Do not touch the bulb glass with bare hands.

Use only the same bulb type for replacement.

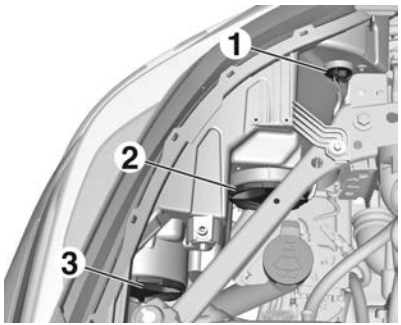
Replace headlight bulbs from within the engine compartment.

Bulb check

After a bulb replacement switch on the ignition, operate and check the lights.

Halogen headlights

Halogen headlights without LED Daytime running lights



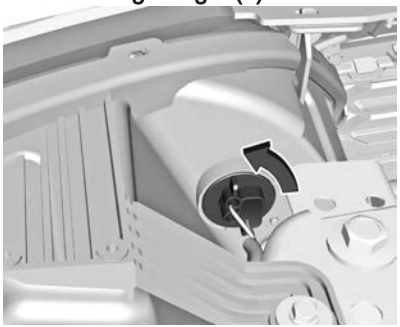
Halogen headlights with separate bulbs for low beam and high beam.

Turn signal light (1)

High beam (2)

Low beam and Daytime running light (3)

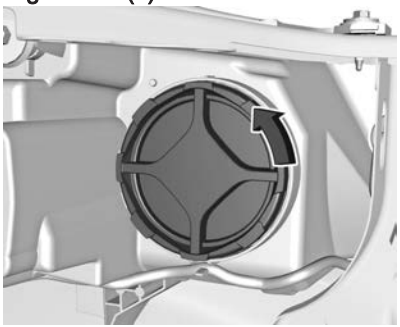
Front turn signal light (1)



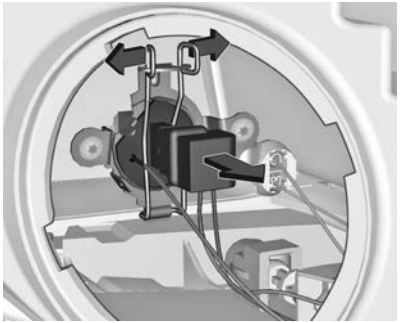
1. Rotate bulb holder anticlockwise and remove it.

2. Remove the bulb by pulling out straight from the socket and replace the bulb.
3. Insert the bulb holder into the reflector and rotate clockwise.

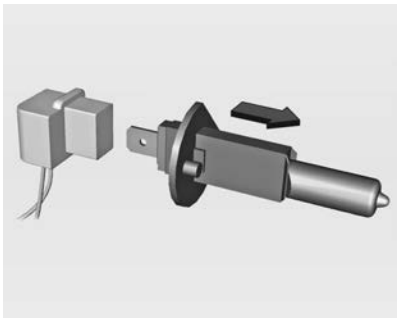
High beam (2)



1. Rotate the cap anticlockwise and remove it.

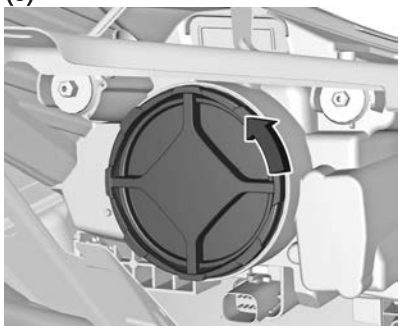


2. Disengage spring clip from retainer and swivel downwards.
3. Withdraw the bulb holder from the reflector.

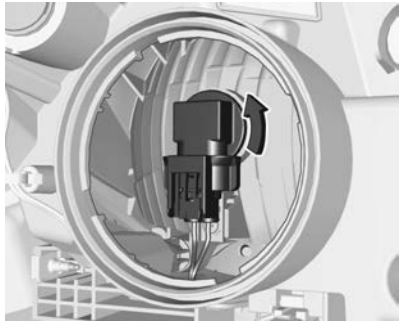


4. Detach the bulb from the bulb holder and replace the bulb.
5. Insert the bulb holder and install spring clip.
6. Fit the cap and rotate clockwise.

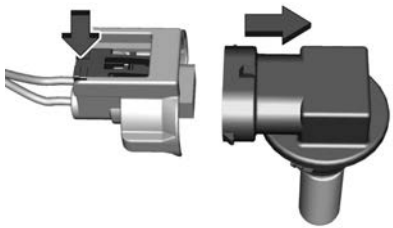
Low beam and Daytime running light (3)



1. Rotate the cap anticlockwise and remove it.

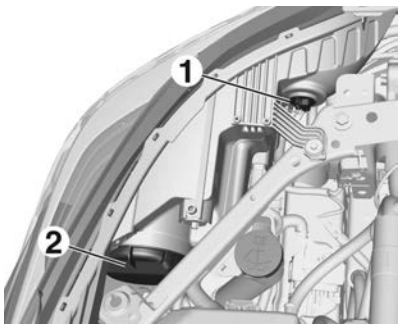


2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.



3. Disengage the bulb socket from the plug connector by pressing the retaining lug.
4. Remove and replace the bulb socket with bulb and attach the plug connector.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

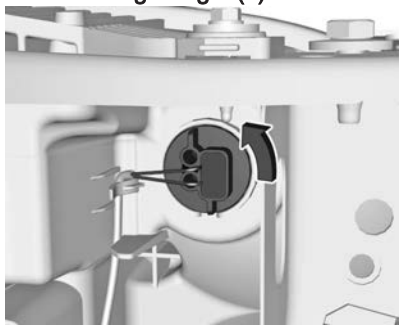
Halogen headlights with LED Daytime running light



Turn signal light (1)

High beam and low beam (2)

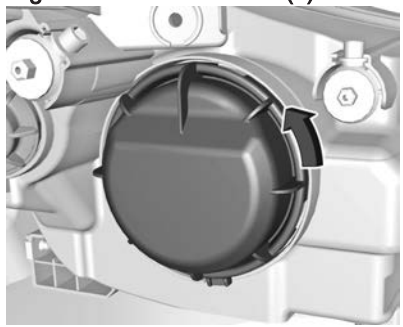
Front turn signal light (1)



1. Rotate bulb holder anticlockwise and remove it.

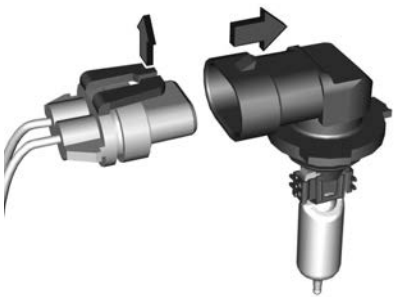
2. Remove the bulb by pulling out straight from the socket and replace the bulb.
3. Insert the bulb holder into the reflector and rotate clockwise.

High beam and low beam (2)



1. Rotate the cap anticlockwise and remove it.

2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.

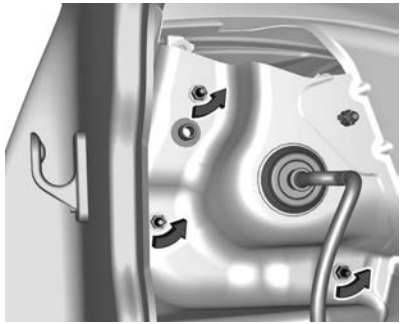


3. Disengage the bulb socket from the plug connector by lifting the retaining lug.
4. Remove and replace the bulb socket with bulb and attach the plug connector.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

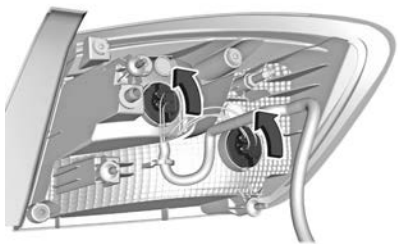
Tail lights

Light assembly in the body

1. Open the boot lid.
2. Pull back the flocking on the respective side.



3. Remove the three screws that secure the taillamp assembly.
4. Remove the taillamp assembly by pulling it straight back.

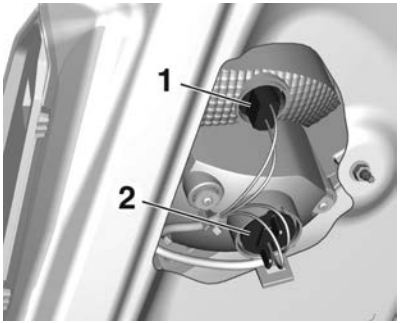


5. Remove the bulb socket from the taillamp assembly by turning it anticlockwise.
6. Remove the bulb from the socket by pulling it straight out.
7. Install a new bulb into the bulb socket.
8. Install the bulb socket into the taillamp assembly by turning it clockwise.
9. Install the taillamp assembly and tighten the three screws.
10. Push the flocking back into place.

Light assembly in the boot lid

1. Open the boot lid.

2. Remove and retain the pushpins securing the flocking. Pull back the flocking to expose bulb sockets.



3. Remove the bulb socket by turning anticlockwise and pulling straight out.

   Tail light/Brake light/Turn-signal light **1**

   Reverse light /Rear fog light (depending on side) **2**
4. Remove the bulb from the socket by pulling it straight out.
5. Install the new bulb in the bulb socket.
6. Install the bulb socket by turning clockwise.
7. Push the flocking back into place and secure with the retained pushpins.

Side turn signal lights

1. Push light towards the front of the vehicle and remove.
2. Rotate bulb holder anti-clockwise.
3. Pull bulb out of the bulb holder and renew.
4. Reinstall in reverse order.

Number plate light

Number plate lights are designed as LED. They are located in the boot lid moulding and can not be changed.

Seek the assistance of a workshop in case of defective LED.

Interior lights

Courtesy light, reading lights

Have bulbs replaced by a workshop.

Load compartment light

Have bulbs replaced by a workshop.

Instrument panel illumination

Have bulbs replaced by a workshop.

Electrical system

Fuses

Data on the replacement fuse must match the data on the defective fuse.

There are two fuse boxes in the vehicle:

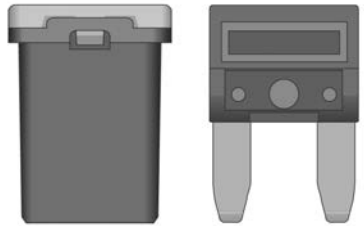
- engine compartment
- instrument panel

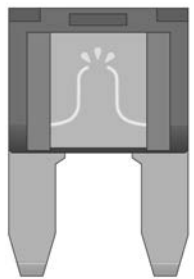
Before replacing a fuse, turn off the respective switch and the ignition.

A blown fuse can be recognized by its melted wire. Do not replace the fuse until the cause of the fault has been remedied.

Some functions are protected by several fuses.

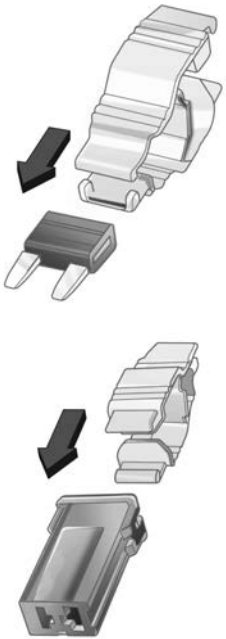
Fuses may also be inserted without existence of a function.





Fuse extractor

A fuse extractor may be located in the fuse box in the engine compartment.



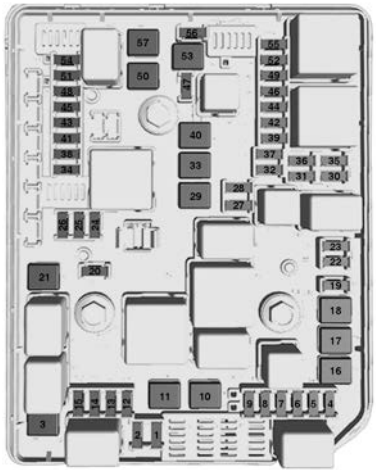
Place the fuse extractor on the various types of fuse from the top or side, and withdraw fuse.

Engine compartment fuse box

The fuse box is in the front left of the engine compartment.

Disengage the cover and remove it.

Note
Not all fuses may be fitted.

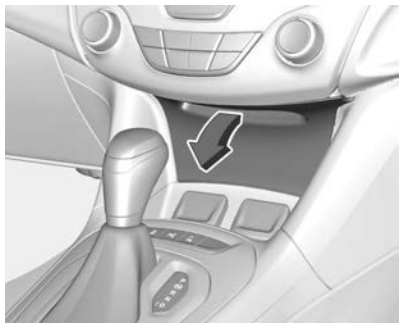


No.	Circuit
1	Washer front / washer rear
2	Air conditioning clutch
3	Starter
4	–
5	High beam LH
6	High beam RH
7	–
8	Horn
9	–
10	–
11	–
12	Even bank
13	Odd bank
14	Exhaust sensor
15	Exhaust sensor
16	–
17	–
18	Front wiper
19	–
20	Engine control module
21	Starter
22	–
23	–
24	ECM
25	–
26	Transmission control module
27	Front fog light
28	–
29	–
30	–
31	ECM / TCM ignition
32	Water in fuel sensor / Switchable water pump
33	Trailer provision
34	Flex fuel sensor
35	–
36	VAR_FUNC
37	Headlight leveling device
38	–
39	Fuel pump
40	–
41	–
42	Interior mirror
43	–
44	Steering wheel heating
45	Canister vent
46	Instrument cluster
47	Antitheft alarm system
48	Rear heated seat

No.	Circuit
49	ESCL (Electrical steering column lock)
50	–
51	Central gateway
52	Mirror defog1
53	Rear window defog
54	–
55	Mirror defog2
56	–
57	ABS pump

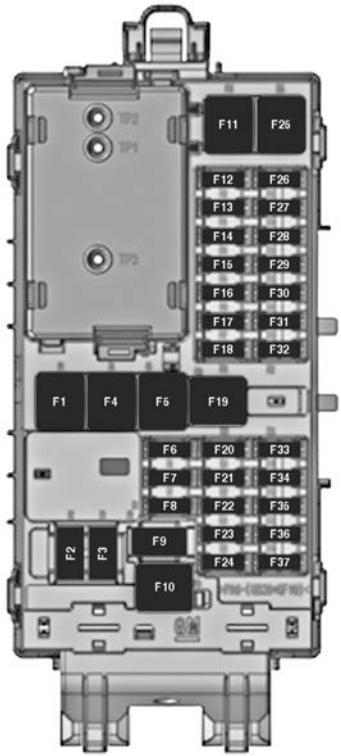
Instrument panel fuse box

The fuse box is located behind a cover.



Pull the cover and remove.

Note
Not all fuses may be fitted.

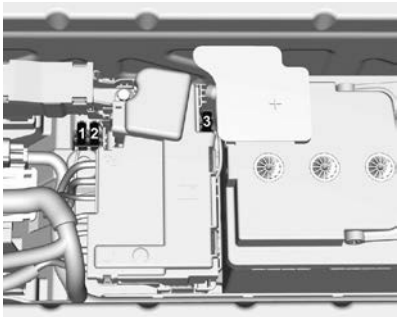


No.	Circuit
1	ABS
2	Cigarette lighter
3	Power outlet front
4	Climate control system, fan
5	Power window front
6	Body control module
7	Heated seat
8	Exterior mirror / Rain sensor / Lane keep assist / High beam assist
9	Power seat, driver side
10	Power window rear
11	Body control module
12	Passive entry / passive start
13	Body control module
14	Central locking system, boot lid
15	Sunroof
16	Body control module
17	Body control module
18	Data link connector
19	–
20	Diagnostic module
21	Climate control system
22	OCC_SENS
23	Clock spring
24	Ignition switch / Engine steering column lock
25	–
26	Parking assist / Infotainment system
27	–
28	Navigation module
29	Instrument cluster
30	Infotainment system, radio
31	Body control module
32	Body control module
33	–
34	Shifter / PRNDL
35	–
36	–
37	Audio amplifier

After having changed defective fuses, close the fuse box cover and press until it engages.

Load compartment fuse box

Some fuses are located near the vehicle battery.

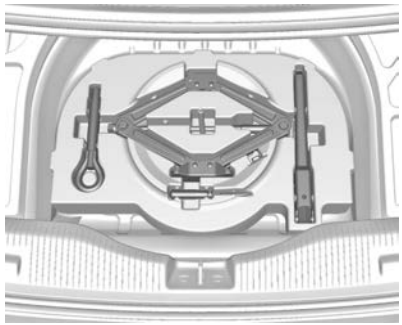


Note
Not all fuses may be fitted.

No.	Circuit
1	Engine control module
2	Fuel supply
3	Power supply

Vehicle tools

Tools



The jack, the towing eye and the tools are located in the tool box below the rear floor storage cover in the load compartment.

Wheels and tyres

Tyre condition, wheel condition

Drive over edges slowly and at right angles if possible. Driving over sharp edges can cause tyre and wheel damage. Do not trap tyres on the kerb when parking.

Regularly check the wheels for damage. Seek the assistance of a workshop in the event of damage or unusual wear.

Tyre pressure

Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel.

Unscrew the valve cap.

Tyre pressure ⇨ 187.

The tyre pressure information label on the left door frame indicates the original equipment tyres and the correspondent tyre pressures.

The tyre pressure data refers to cold tyres.

Always inflate the spare tyre to the pressure specified for full load.

Incorrect tyre pressures will impair safety, vehicle handling, comfort and fuel economy and will increase tyre wear.

Tyre pressures differ depending on various options.

The driver is responsible for correct adjustment of tyre pressure.

⚠Warning

If the pressure is too low, this can result in considerable tyre warm-up and internal damage, leading to tread separation and even to tyre blow-out at high speeds.

⚠Warning

For specific tyres the recommended tyre pressure as shown in the tyre pressure table may exceed the maximum tyre pressure as indicated on the tyre. Never exceed the maximum tyre pressure as indicated on the tyre.

Temperature dependency

The tyre pressure depends on the temperature of the tyre. During driving, tyre temperature and pressure increase. Tyre pressure values provided on the tyre information label and tyre pressure chart are valid for cold tyres, which means at 20 °C.

The pressure increases by nearly 10 kPa for a 10 °C temperature increase. This must be considered when warm tyres are checked.

Tread depth

Check tread depth at regular intervals.

Tyres should be replaced for safety reasons when

1. The tyres are worn to the point where the tread indicators as shown, appear or the cord or fabric is showing.
2. The tread or side wall is cut, split, or cracked deep enough to expose the cord or fabric.
3. The tyre has a bump or bulge in it, indicating some kind of internal damage.
4. The tyre has a puncture, cut or other damage which cannot be repaired because of the size or location of the damage. If in doubt

about the extent of the damage to the tyre, have it removed from the wheel and examined by a tyre specialist.

The legally permissible minimum tread depth (1.6 mm) has been reached when the tread has worn down as far as one of the tread wear indicators (TWI). Their position is indicated by markings on the sidewall.

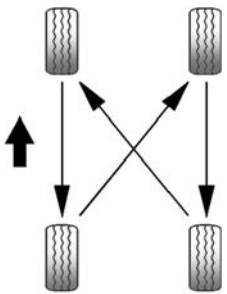
If there is more wear at the front than the rear, swap round front wheels and rear wheels periodically. Ensure that the direction of rotation of the wheels remains the same.

Tyres age, even if they are not used. We recommend tyre replacement every six years.

Tyre rotation

It is recommended that you rotate tyres at every scheduled maintenance service.

Driving conditions, driving techniques, vehicle loading and weather may warrant more frequent tyre checks and rotation.



Front and rear tyres can wear differently depending on:

- types of roads driven on
- driving habits
- tyre pressures
- wheel alignment and balance

New tyres should be fitted in pairs to the front. If replacing only one tyre, pair it on the same axle with the least worn of the other three.

Changing tyre and wheel size

If tyres of a different size than those fitted at the factory are used, it may be necessary to reprogramme the speedometer as well as the nominal tyre pressure and make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.

Furthermore, the advanced parking assist must be calibrated ⇨ 120.

⚠Warning

Use of unsuitable tyres or wheels may lead to accidents and will invalidate the vehicle type approval.

⚠Warning

Do not use different size and type of tyres and wheels than those originally installed on the vehicle. It can affect safety and performance of the vehicle. It could lead to handling failure or rollover and serious injury. When replacing tyres, be sure to install all four tyres and wheels of the same size, type, tread, brand and load-carrying capacity. The use of any other tyre size or type may seriously affect ride, handling, ground clearance, stopping distance, body clearance and speedometer reliability.

Tyre chains

⚠Warning

Holden only recommends use of tyre chains on 16” wheels.

Due to limited tyre clearances, tyre chains may cause damage to your vehicle. Fitment of tyre chains is at the risk of the owner.

If you choose to fit tyre chains you should:

- observe all local regulations and advice regarding the use of tyre chains
- use a correctly sized, well fitted, diamond pattern tyre chain
- not exceed speed of 30 km/h
- stop the vehicle in the event of any unusual noise

Check the tyres are inflated to the correct pressure. Tyre pressure ⇨ 187.

Whenever tyre chains are fitted, switch off the ESC. Electronic Stability Control ⇨ 114.

Wheel changing

⚠Warning

All passengers must be out of the vehicle when it is being jacked.

Only jack the vehicle on hard, level surfaces.

Ensure moving parts of the jack are adequately lubricated before use.

Use the jack only at the designated lifting points. Use in other locations may result in the vehicle falling off the jack, or damage to the vehicle.

If using a jack (or hoist) other than the jack supplied with the vehicle, refer to the following pages in this chapter for the correct lifting positions.

Do not start or run the engine while the vehicle is supported by the jack.

Use the jack only for lifting the vehicle when changing wheels.

Do not get under a vehicle that is supported by a jack. No person should place any portion of their body under a vehicle that is supported by a jack.

Vehicles with alloy wheels may have a steel spare wheel. Drive carefully and do not exceed 80 km/h when a combination of alloy and steel wheels are fitted on the vehicle. Although the spare tyre was fully inflated when the vehicle was new, it can lose air over time. Check the inflation pressure regularly. After installing the spare wheel on the vehicle, stop as soon as possible to check the inflation pressure is correct. Have the flat tyre repaired or replaced and installed back on the vehicle as soon as possible.

⚠Warning

Failure to observe the following preparations and instructions may result in damage or injury.

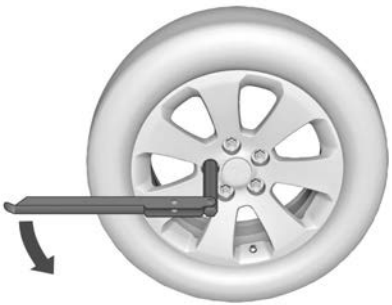
Make the following preparations and observe the following information:

- Park the vehicle on a level, firm and non-skid surface. The front wheels must be in the straight-ahead position.
- Apply the parking brake and engage first gear, reverse gear or **P**.
- Chock the wheel diagonally opposite the flat tyre with a suitable solid object.
- Remove the spare wheel ⇨ 168.
- Never change more than one wheel at once.
- Use the jack only to change wheels in case of puncture.
- The jack is maintenance-free.
- If the ground on which the vehicle is standing is soft, a solid board (max. one cm thick) should be placed under the jack.
- Take heavy objects out of the vehicle before jacking up.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.
- Do not start the vehicle when it is raised on the jack.
- Clean wheel nuts and thread with a clean cloth before mounting the wheel.

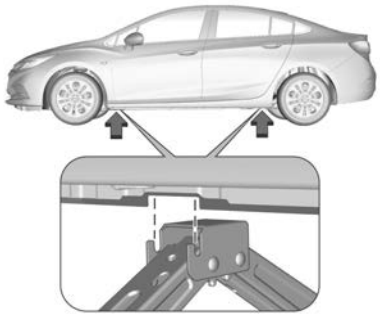
⚠Warning

Do not grease wheel bolt, wheel nut and wheel nut cone.

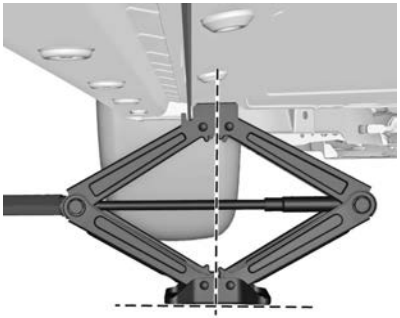
1. If fitted, disengage wheel nut caps with a screwdriver and remove. For alloy wheels, place a soft cloth underneath the screwdriver. Vehicle tools ⇨ 162.



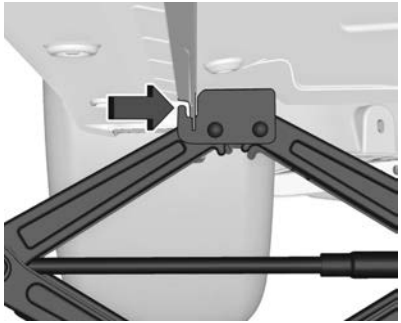
2. Fold out the wheel wrench and install ensuring that it locates securely and loosen each wheel nut by half a turn.



3. Ensure the jack is correctly positioned under the relevant vehicle jacking point.



4. Set the jack to the necessary height. Position it directly below the jacking point in a manner that prevents it from slipping.



Ensure that the edge of the body fits into the notch of the jack.

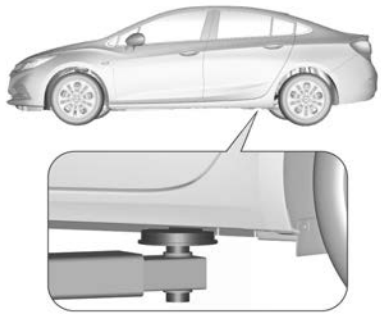
Attach wheel wrench and with the jack correctly aligned rotate wheel wrench until wheel is clear of the

ground. Do not raise the jack any further.

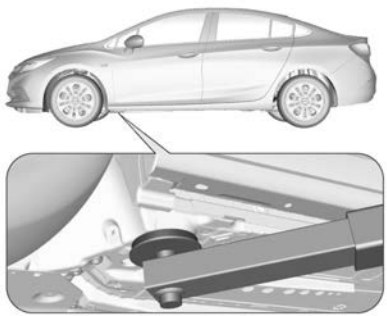
5. Unscrew the wheel nuts.
6. Change the wheel. Spare wheel ⇨ 168.
7. Screw on the wheel nuts.
8. Lower the vehicle and remove jack.
9. Install the wheel wrench ensuring that it locates securely and tighten each nut in a crosswise sequence. Tightening torque is 140 Nm.
10. Install wheel nut caps, if fitted.
11. Stow the replaced wheel ⇨ 168 and the vehicle tools ⇨ 162.
12. Check the tyre pressure of the installed tyre and the wheel nut torque as soon as possible.

Have the defective tyre renewed or repaired as soon as possible.

Jacking position for lifting platform



Rear arm position of the lifting platform under the rear recess of the sill.



Front arm position of the lifting platform at the underbody.

Spare wheel

This vehicle is equipped with a temporary spare tyre, which has dimensions, pressure and useful life different from your vehicle's road tyres (regular use).

Therefore, use it only in emergency situations and replace it as soon as possible, as soon as the road tyre is repaired or replaced. It is not recommended that the usage of the temporary spare tyre exceeds 100 km of distance. The usage of the temporary spare tyre may alter the vehicle dynamic behavior, especially when making turns and braking. However, it does not affect safety, if used at speeds below 80 km/h.

If mounting a spare wheel, which is different from the other wheels, this wheel might be classified as a temporary spare wheel and the corresponding speed limits apply, even though no label indicates this. Seek the assistance of a workshop to check the applicable speed limit.

The temporary spare tyre has always a steel wheel.

Caution

The use of a spare wheel that is smaller than the other wheels or in combination with winter tyres could affect driveability. Have the defective tyre replaced as soon as possible.

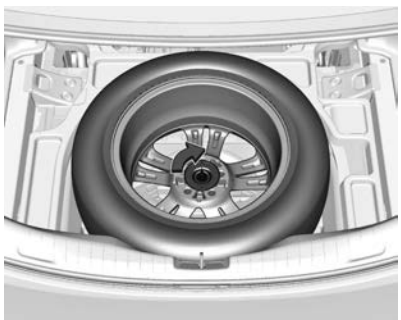
The spare wheel is located in the load compartment beneath the floor covering.

To remove:

1. Open the floor cover.
2. The spare wheel is secured with a wing nut. Untwist nut to take out the spare wheel.

   Under the spare wheel there is the box with vehicle tools.
3. When, after a wheel change, no wheel is placed in the spare wheel well, secure the tool box by turning the wing nut as far as it will go and close floor cover.

Stowing a damaged full size wheel in the spare wheel well



Secure a damaged full size wheel inside up with the wing nut in the spare wheel well above the tool box.

The floor cover can be placed on the projecting wheel.

⚠Warning

Always use the temporary spare tyre at speeds below 80 km/h and in distances up to 100 km.

Temporary spare wheel

Caution

The use of a spare wheel that is smaller than the other wheels or in combination with winter tyres could affect driveability. Have the defective tyre replaced as soon as possible.

Only mount one temporary spare wheel. Do not drive faster than 80 km/h. Take curves slowly. Do not use for a long period of time.

If your vehicle gets a flat tyre on the rear while towing another vehicle, mount the temporary spare wheel in the front and the full tyre in the rear.

Spare wheel with directional tyre

If possible, fit directional tyres such that they roll in the direction of travel. The rolling direction is indicated by a symbol (e.g. an arrow) on the sidewall.

The following applies to tyres fitted opposing the rolling direction:

- Driveability may be affected. Have the defective tyre renewed or repaired as soon as possible and fit it instead of the spare wheel.
- Do not drive faster than 80 km/h.
- Drive particularly carefully on wet and snow-covered road surfaces.

Jump starting

The vehicle battery is located in the load compartment under a cover in front of the spare wheel. There are connecting points for jump starting in the engine compartment.

A vehicle with a discharged vehicle battery can be started using jump leads and the vehicle battery of another vehicle.

Do not start with quick charger.

⚠Warning

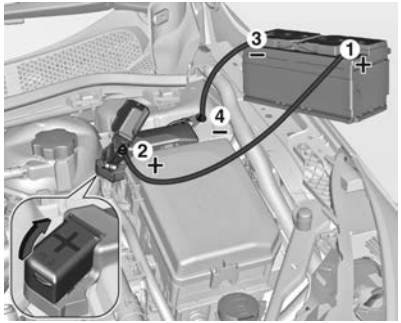
Be extremely careful when starting with jump leads. Any deviation from the following instructions can lead to injuries or damage caused by battery explosion or damage to the electrical systems of both vehicles.

⚠Warning

Avoid contact with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.

- Never expose the vehicle battery to naked flames or sparks.
- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen vehicle battery before connecting jump leads.
- Wear eye protection and protective clothing when handling a vehicle battery.
- Use a booster vehicle battery with the same voltage (12 Volts). Its capacity (Ah) must not be much less than that of the discharged vehicle battery.
- Use jump leads with insulated terminals and a cross section of at least 16 mm^2 (25 mm^2 for diesel engines).

- Do not disconnect the discharged vehicle battery from the vehicle.
- Switch off all unnecessary electrical consumers.
- Do not lean over the vehicle battery during jump starting.
- Do not allow the terminals of one lead to touch those of the other lead.
- The vehicles must not come into contact with each other during the jump starting process.
- Apply the parking brake, transmission in neutral, automatic transmission in **P**.
- Open the positive terminal protection cap of your vehicle in the engine compartment and of the booster vehicle battery.



Lead connection order:

1. Connect the red lead to the positive terminal of the booster vehicle battery.
2. Connect the other end of the red lead to the positive terminal of your vehicle near the fuse box in the engine compartment.
3. Connect the black lead to the negative terminal of the booster vehicle battery.
4. Connect the other end of the black lead to a vehicle grounding point of your vehicle in the engine compartment.

Route the leads so that they cannot catch on rotating parts in the engine compartment.

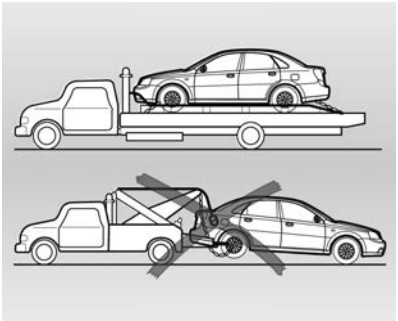
To start the engine:

1. Start the engine of the vehicle providing the jump.
2. After five minutes, start the other engine. Start attempts should be made for no longer than 15 seconds at an interval of one minute.
3. Allow both engines to idle for approx. three minutes with the leads connected.
4. Switch on electrical consumers (e.g. headlights, heated rear window) of the vehicle receiving the jump start.
5. Reverse above sequence exactly when removing leads.

Towing

Towing the vehicle

The best method is to have the vehicle transported using a recovery vehicle.

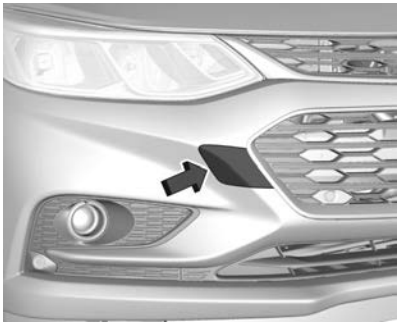


The towing by two wheels is not suitable and may cause damage to the vehicle.

Please observe the following procedures when towing a vehicle:

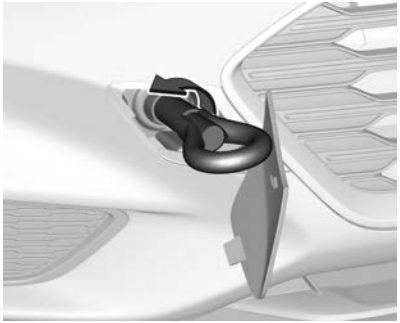
- No passenger should remain in the vehicle being towed.
- Release the parking brake of the towed vehicle and place the transmission gear in neutral.
- Switch on the emergency warning lights.
- Keep the speed limits.

If it is not possible to have your vehicle towed by a recovery vehicle, proceed as follows:



Insert a screwdriver in the slot at the outside of the cap. Release the cap by carefully moving the screwdriver sideways.

The towing eye is stowed with the vehicle tools ⇨ 162.



Screw in the towing eye as far as it will go until it stops in a horizontal position.

Attach a tow rope – or better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering the vehicle.

Switch on ignition to release steering wheel lock and to permit operation of brake lights, horn and windscreen wiper.

Transmission in neutral.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

When the engine is not running, considerably more force is needed to brake and steer.

To prevent the entry of exhaust gases from the towing vehicle, switch on the air recirculation and close the windows.

Vehicles with automatic transmission: The vehicle must be towed facing forwards, not faster than 80 km/h nor further than 100 km. In all other cases and when the transmission is defective, the front axle must be raised off the ground.

Seek the assistance of a workshop.

After towing, unscrew the towing eye.

Insert cap and engage.

Towing another vehicle

Insert a screwdriver in the slot at the lower bend of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools ⇨ 162.

Screw in the towing eye as far as it will go until it stops in a horizontal position.

The lashing eye at the rear underneath the vehicle must never be used as a towing eye.

Attach a tow rope – or even better a tow bar – to the towing eye.

The towing eye must only be used for towing and not for recovering a vehicle.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

After towing, unscrew the towing eye.

Insert cap at the top and engage downwards.

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using a de-icing agent, have the locks regreased by a workshop.

Washing

The paintwork of your vehicle is exposed to environmental influences. Wash and wax your vehicle regularly. When using automatic vehicle washes, select a programme that includes waxing.

Bird droppings, dead insects, resin, pollen and the like should be cleaned off immediately, as they contain aggressive constituents which can cause paint damage.

If using a vehicle wash, comply with the vehicle wash manufacturer's instructions. The windscreen wiper must be switched off. Remove antenna and external accessories such as roof racks etc.

If you wash your vehicle by hand, make sure that the insides of the wheel housings are also thoroughly rinsed out.

Clean edges and folds on opened doors and the bonnet as well as the areas they cover.

Caution
Always use a cleaning agent with a pH value of 4 to 9. Do not use cleaning agents on hot surfaces.

Have the door hinges of all doors greased by a workshop.

Do not clean the engine compartment with a steam-jet or high-pressure jet cleaner.

Thoroughly rinse and chamois-off the vehicle. Rinse chamois frequently. Use separate chamois for painted and glass surfaces: remnants of wax on the windows will impair vision.

Do not use hard objects to remove spots of tar. Use tar removal spray on painted surfaces.

Exterior lights

Headlight and other light covers are made of plastic. Do not use any abrasive or caustic agents, do not use an ice scraper, and do not clean them dry.

Polishing and waxing

Wax the vehicle regularly (at the latest when water no longer beads). Otherwise, the paintwork will dry out.

Polishing is necessary only if the paint has become dull or if solid deposits have become attached to it.

Paintwork polish with silicone forms a protective film, making waxing unnecessary.

Plastic body parts must not be treated with wax or polishing agents.

Windows and windscreen wiper blades

Use a soft lint-free cloth or chamois leather together with window cleaner and insect remover.

When cleaning the rear window from inside, always wipe in parallel to the heating element to prevent damage.

For mechanical removal of ice, use a sharp-edged ice scraper. Press the scraper firmly against the glass so that no dirt can get under it and scratch the glass.

Clean smearing wiper blades with a soft cloth and window cleaner.

Sunroof

Never clean with solvents or abrasive agents, fuels, aggressive media (e.g. paint cleaner, acetone-containing solutions etc.), acidic or highly alkaline media or abrasive pads. Do not apply wax or polishing agents to the sunroof.

Wheels and tyres

Do not use high-pressure jet cleaners.

Clean rims with a pH-neutral wheel cleaner.

Rims are painted and can be treated with the same agents as the body.

Paintwork damage

Rectify minor paintwork damage with a touch-up pen before rust forms. Have more extensive damage or rust areas repaired by a workshop.

Underbody

Some areas of the vehicle underbody have a PVC undercoating while other critical areas have a durable protective wax coating.

After the underbody is washed, check the underbody and have it waxed if necessary.

Bitumen/rubber materials could damage the PVC coating. Have underbody work carried out by a workshop.

Before and after winter, wash the underbody and have the protective wax coating checked.

Interior care

Interior and upholstery

Only clean the vehicle interior, including the instrument panel fascia and panelling, with a dry cloth or interior cleaner.

Clean the leather upholstery with clear water and a soft cloth. In case of heavy soiling, use leather care.

The instrument cluster and the displays should only be cleaned using a soft damp cloth. If necessary use a weak soap solution.

Clean fabric upholstery with a vacuum cleaner and brush. Remove stains with an upholstery cleaner.

Clothing fabrics may not be colourfast. This could cause visible discolourations, especially on light-coloured upholstery. Removable stains and discolourations should be cleaned as soon as possible.

Clean seat belts with lukewarm water or interior cleaner.

Caution

Close Velcro fasteners as open Velcro fasteners on clothing could damage seat upholstery.

The same applies to clothing with sharp-edged objects, like zips or belts or studded jeans.

Plastic and rubber parts

Plastic and rubber parts can be cleaned with the same cleaner as used to clean the body. Use interior cleaner if necessary. Do not use any other agent. Avoid solvents and petrol in particular. Do not use high-pressure jet cleaners.

Service and maintenance

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General information

Service information

In order to ensure economical and safe vehicle operation and to maintain the value of your vehicle, it is of vital importance that all maintenance work is carried out at the proper intervals as specified.

The detailed, up-to-date service schedule for your vehicle is available at your Holden dealer.

See your service booklet for the service schedules and for more information.

Service interval with remaining engine oil life duration

The service interval is based on several parameters depending on usage.

The service display lets you know when to change the engine oil.

Service display ⇨ 66.

Recommended fluids, lubricants and parts

Recommended fluids and lubricants

Only use products that meet the recommended specifications.

⚠Warning

Operating materials are hazardous and could be poisonous. Handle with care. Pay attention to information given on the containers.

Engine oil

Engine oil is identified by its quality and its viscosity. Quality is more important than viscosity when selecting which engine oil to use. The oil quality ensures e.g. engine cleanliness, wear protection and oil aging control, whereas viscosity grade gives information on the oil's thickness over a temperature range.

dexos1® Gen2 = 1.4 Petrol engine

Selecting the right engine oil

Selecting the right engine oil depends on the proper oil specification and viscosity grade.

Use and ask for engine oils with the dexos certification mark. Oils meeting the requirements of your vehicle should have the dexos certification mark on the container. This certification mark indicates that the oil has been approved to the dexos specification.

Your vehicle was filled at the factory with dexos approved engine oil.

Use only engine oil that is approved to the dexos specification or an equivalent engine oil of the appropriate viscosity grade.

If you are unsure whether your oil is approved to the dexos specification, ask your service provider.

Use of substitute engine oils if dexos is unavailable: In the event that dexos approved engine oil is not available at an oil change or for maintaining proper oil level, you may use substitute engine oil of the qualities mentioned above. Use of oils that do not meet the dexos specification, however, may result in reduced performance or engine damage under certain circumstances.

Topping up engine oil

Engine oils of different manufacturers and brands can be mixed as long as they comply with the required engine oil quality and viscosity.

Additional engine oil additives

The use of additional engine oil additives could cause damage and invalidate the warranty.

Engine oil viscosity grades

The SAE viscosity grade gives information of the thickness of the oil.

Multigrade oil is indicated by two figures, e.g. SAE 5W-30. The first figure, followed by a W, indicates the low temperature viscosity and the second figure the high temperature viscosity.

Select the appropriate viscosity grade depending on the minimum ambient temperature ⇨ 182.

All of the recommended viscosity grades are suitable for high ambient temperatures.

Coolant and antifreeze

Use only organic acid type-long life coolant (LLC) antifreeze approved for the vehicle. Consult a Holden dealer.

The system is factory filled with coolant designed for excellent corrosion protection and frost protection down to approx. -28 °C. This concentration should be maintained all year round. The use of additional coolant additives that intend to give additional corrosion protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of additional coolant additives will be rejected.

Washer fluid

Use only washer fluid approved for the vehicle to prevent damage of wiper blades, paintwork, plastic and rubber parts. Consult a Holden dealer.

Brake and clutch fluid

Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.

⚠Warning

Using brake fluid other than GM recommended brake fluid may cause corrosion to components of the braking system and reduced braking performance.

Use only new brake fluid. Use of old, used or inferior brake fluid may endanger the functioning of the brake system.

Automatic transmission fluid

Use only Dexron IV fluid.

Technical data

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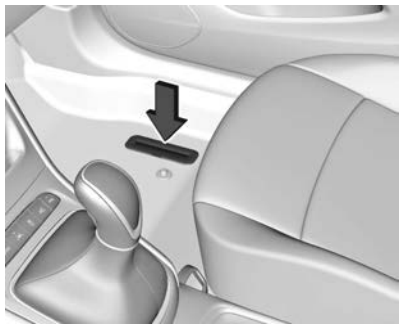
Vehicle identification

Vehicle Identification Number



The Vehicle Identification Number may be stamped on the identification plate and on the floor pan, under the floor covering, visible under a cover.

The Vehicle Identification Number may be embossed on the instrument panel, visible through the windscreen, or in the engine compartment on the right body panel.

Identification plate

The identification plate is located on the front door frame.

Information on identification label:

1 : Approval number
2 : Manufacturer
3 : Category
4 : Number of seats
5 : Vehicle identification number
6 : Compliance date

The combined total of front and rear axle loads must not exceed the permissible gross vehicle weight. For example, if the front axle is bearing its maximum permissible load, the rear axle can only bear a load that is equal to the gross vehicle weight minus the front axle load.

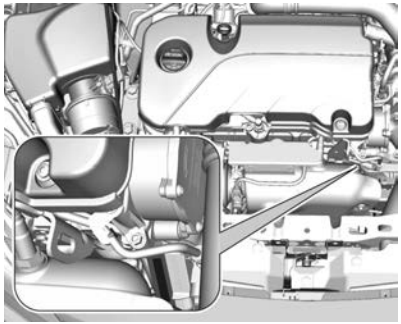
The technical data is determined in accordance with European Community standards. We reserve the right to make modifications. Specifications in the vehicle documents always have priority over those given in this manual.

Build date label

The build date label is located in the front part of the engine compartment.

Engine serial number

1.4L Petrol engine



The engine serial number is located in the front part of the engine compartment.

Vehicle data

Recommended fluids and lubricants

International service schedule

Required engine oil quality

Engine	Oil quality	Oil grade
1.4L Petrol	dexos1® Gen2	SAE 5W-30

Engine data

Engine	1.4L
Piston displacement [cm^3]	1399
Engine power [kW]	Refer to www.holden.com.au
Torque [Nm]	Refer to www.holden.com.au
Fuel type	Petrol
Octane rating RON	
recommended	91
possible	95
possible	98

Vehicle weight

Maximum vehicle payloads

Engine	Occupants (average 68 kg each)	Luggage (kg)	Total load (kg)
1.4L	5	68	408

Maximum front and rear axle loads

Engine	Front axle loads (kg)	Rear axle loads (kg)
1.4L MT	890	900
1.4L AT	910	905

Loading information ⇨ 57.

Vehicle dimensions

Length [mm]	4665
Width without exterior mirrors [mm]	1807
Width with two exterior mirrors [mm]	2046
Height [mm]	1464
Length of load compartment floor [mm]	1043
Length of load compartment with folded rear seats [mm]	1799
Load compartment width [mm]	996
Load compartment height [mm]	428
Wheelbase [mm]	2700
Turning circle diameter [m]	11.9
Track [mm]	
Front	1540
Rear	1558

Capacities

Engine oil

Engine	1.4L
including Filter [l]	4.0
between MIN and MAX [l]	1.0

Fuel tank

Petrol, refilling quantity [l]	48

Tyre pressures

Engine	Tyres	Comfort with up to 3 people		ECO with up to 3 people		With full load	
		front	rear	front	rear	front	rear
		[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])
1.4L	205/55 R16	220/2.2 (32)	220/2.2 (32)	270/2.7 (39)	270/2.7 (39)	250/2.5 (36)	270/2.7 (39)
	225/45 R17	240/2.4 (35)	240/2.4 (35)	270/2.7 (39)	270/2.7 (39)	250/2.5 (36)	270/2.7 (39)
	225/40 R18	240/2.4 (35)	240/2.4 (35)	270/2.7 (39)	270/2.7 (39)	250/2.5 (36)	270/2.7 (39)
All	Temporary spare wheel 115/70 R16	420/4.2 (60)	420/4.2 (60)	–	–	420/4.2 (60)	420/4.2 (60)

Customer information

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Customer information

Owner assistance

Holden Customer Care

At Holden, we want you to be completely satisfied with your ownership experience. This applies to your vehicle and any Holden representative you may deal with. Refer below for two options for seeking assistance with your query.

Holden Dealerships

Holden encourages you to seek assistance from your Holden Dealership. Each Holden Dealership is equipped to manage any sales, servicing, parts or technical query. In the instance that you wish to escalate a query to a higher level of staff, further options are available to you. As a first step, Holden suggests you discuss any concern with the relevant Department Manager (Sales Manager or Service Manager). Alternatively, the Dealership General Manager or Dealer Principal will also be happy to assist you.

Holden Customer Care Office

Should you wish to speak to a Holden representative, you are welcome to contact the Holden Customer Care team. Refer below for operating hours and various methods of communication.

Operating Hours
Weekdays: 8am – 7pm AEST

Saturday: 9am – 1pm AEST

Telephone
Holden Customer Care can be telephoned from anywhere within Australia for only the cost of a local call.

The contact number is:

1800 033 349

Email
Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

Written Correspondence
You can also write to Holden at the address below:

The Manager
Holden Customer Care Centre
GPO Box 1714
Melbourne 3001

Your written correspondence should clearly outline your concern or query and include:

- Your name and address
- Telephone numbers, both private and business
- Servicing dealer's name and address
- Vehicle model
- Vehicle identification number (I.S.O.V.I.N.), refer to the inside front cover of the Service/ Warranty Booklet in your vehicle's glove box
- Date of purchase
- Current odometer reading

Most of this information will be found on the Vehicle Identification Certificate, located inside the front cover of the Service/Warranty Booklet in your vehicle's glove box.

Before you write however, remember that the telephone is the quicker and more efficient means of communication.

New Zealand
The information in this Owner's Handbook applies primarily to Australian Holden vehicles and there may be some differences to the Warranty and Owner Assistance provisions for New Zealand.

Applicable details for New Zealand are set out in the Holden Warranty and Owner Assistance Information booklet enclosed in the New Zealand glove box wallet.

New Zealand Assistance can be reached on:

0800 HOLDEN (0800 465 336)

This number provides access to New Zealand Roadside Assistance as well as New Zealand Customer Care.

Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

You can also write to Holden at the address below:

The Manager
Holden Customer Care Centre
P.O. Box 11195
Ellerslie
Auckland 1542
New Zealand

Collision damage repair

Paint thickness

Due to production techniques, the thickness of the paint can vary between 50 and 400 µm.

Therefore, different paint thickness is no indicator for a collision damage repair.

Registered trademarks

Apple Inc.
Apple CarPlay™ is a trademark of Apple Inc.

App Store® and iTunes Store® are registered trademarks of Apple Inc.

iPhone®, iPod®, iPod touch®, iPod nano®, iPad® and Siri® are registered trademarks of Apple Inc.

Bluetooth SIG, Inc.
Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

EnGIS Technologies, Inc.
BringGo® is a registered trademark of EnGIS Technologies, Inc.

Google Inc.
Android™ and Google Play™ Store are trademarks of Google Inc.

Pandora Media, Inc.
Pandora® is a registered trademark of Pandora Media, Inc.

Stitcher Inc.
Stitcher™ is a trademark of Stitcher, Inc.

Vehicle data recording and privacy

Event data recorders

Data storage modules in the vehicle

A large number of electronic components of your vehicle contain data storage modules temporarily or permanently storing technical data about the condition of the vehicle, events and errors. In general, this technical information documents the condition of parts, modules, systems or the environment:

- Operating conditions of system components (e.g. filling levels)
- Status messages of the vehicle and its single components (e.g. number of wheel revolutions / rotational speed, deceleration, lateral acceleration)
- Malfunctions and defects in important system components
- Vehicle reactions in particular driving situations (e.g. inflation of an airbag, activation of the stability regulation system)
- Environmental conditions (e.g. temperature)

These data are exclusively technical and help identifying and correcting errors as well as optimising vehicle functions.

Motion profiles indicating travelled routes cannot be created with these data.

If services are used (e.g. repair works, service processes, warranty cases, quality assurance), employees of the service network (manufacturer included) are able to read out this technical information from the event and error data storage modules applying special diagnostic devices. If required, you will receive further information at these Holden dealers. After an error has been corrected, the data are deleted from the error storage module or they are constantly overwritten.

When using the vehicle, situations may occur in which these technical data related to other information (accident report, damages on the vehicle, witness statements etc.) may be associated with a specific person - possibly, with the assistance of an expert.

Additional functions contractually agreed upon with the client (e.g. vehicle location in emergency cases) allow the transmission of particular vehicle data from the vehicle.

Radio Frequency Identification (RFID)

RFID technology is used in some vehicles for functions such as ignition system security. It is also used in connection with conveniences such as radio remote controls for door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in Holden vehicles does not use or record personal information or link with any other Holden system containing personal information.

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